

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038280.D
 Acq On : 13 Oct 2023 13:01
 Operator : JC/MD
 Sample : 04699-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Oct 14 00:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 14 00:55:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99671	46.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.700%		
35) Dibromofluoromethane	5.385	113	77096	46.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	8.647	98	285761	45.135	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.260%#		
62) 4-Bromofluorobenzene	11.079	95	104355	43.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	653	0.506	ug/l	93
3) Chloromethane	1.294	50	710	0.540	ug/l	94
4) Vinyl Chloride	1.374	62	859	0.589	ug/l #	69
5) Bromomethane	1.611	94	1027	0.516	ug/l	97
6) Chloroethane	1.691	64	758	0.586	ug/l #	83
7) Trichlorofluoromethane	1.886	101	1453	0.504	ug/l	98
8) Diethyl Ether	2.136	74	489	0.455	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	657	0.523	ug/l #	93
10) Methyl Iodide	2.453	142	751	0.415	ug/l #	80
11) Tert butyl alcohol	2.959	59	1005	1.919	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	546	0.446	ug/l #	68
13) Acrolein	2.233	56	623	2.038	ug/l	94
14) Allyl chloride	2.666	41	1027	0.469	ug/l	98
15) Acrylonitrile	3.062	53	2153	2.200	ug/l	94
16) Acetone	2.373	43	2423	2.700	ug/l	91
17) Carbon Disulfide	2.514	76	1694	0.481	ug/l #	92
18) Methyl Acetate	2.703	43	1814	0.471	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1984	0.407	ug/l	98
20) Methylene Chloride	2.794	84	918	0.544	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	666	0.440	ug/l	94
22) Diisopropyl ether	3.763	45	1707	0.372	ug/l #	82
23) Vinyl Acetate	3.733	43	5729	1.704	ug/l	99
24) 1,1-Dichloroethane	3.605	63	1204	0.433	ug/l #	83
25) 2-Butanone	4.574	43	2933	2.026	ug/l #	82
26) 2,2-Dichloropropane	4.471	77	829	0.382	ug/l #	67
27) cis-1,2-Dichloroethene	4.513	96	813m	0.451	ug/l	
28) Bromochloromethane	4.891	49	558	0.444	ug/l #	96
29) Tetrahydrofuran	5.019	42	1867	1.980	ug/l #	86
30) Chloroform	5.086	83	1311	0.431	ug/l	98
31) Cyclohexane	5.446	56	1145m	0.491	ug/l	
32) 1,1,1-Trichloroethane	5.385	97	959	0.368	ug/l #	49
36) 1,1-Dichloropropene	5.690	75	1163	0.509	ug/l #	80
37) Ethyl Acetate	4.739	43	1072m	0.395	ug/l	
38) Carbon Tetrachloride	5.672	117	1180	0.525	ug/l #	71
39) Methylcyclohexane	7.379	83	1156	0.432	ug/l	91
40) Benzene	6.031	78	2793	0.437	ug/l #	90

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Manual Integrations
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 Supervised By :Mahesh Dadoda 10/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	487m	0.361	ug/l	
42) 1,2-Dichloroethane	6.092	62	1250	0.490	ug/l	87
43) Isopropyl Acetate	6.348	43	1508	0.372	ug/l #	84
44) Trichloroethene	7.141	130	734m	0.439	ug/l	
45) 1,2-Dichloropropane	7.427	63	670	0.405	ug/l #	76
46) Dibromomethane	7.592	93	497	0.387	ug/l #	84
47) Bromodichloromethane	7.824	83	910	0.399	ug/l #	96
48) Methyl methacrylate	7.702	41	657	0.340	ug/l #	84
49) 1,4-Dioxane	7.665	88	333	6.988	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	5177	1.853	ug/l	100
52) Toluene	8.720	92	1817	0.436	ug/l	81
53) t-1,3-Dichloropropene	8.988	75	724	0.296	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	841	0.327	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	721	0.405	ug/l #	85
56) Ethyl methacrylate	9.122	69	807	0.296	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	1278	0.444	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.250	63	2353	1.756	ug/l	95
59) 2-Hexanone	9.433	43	3931	1.750	ug/l	93
60) Dibromochloromethane	9.525	129	518	0.297	ug/l	84
61) 1,2-Dibromoethane	9.610	107	714	0.371	ug/l	97
64) Tetrachloroethene	9.275	164	612	0.422	ug/l #	88
65) Chlorobenzene	10.079	112	2082	0.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	606	0.382	ug/l #	65
67) Ethyl Benzene	10.195	91	3218	0.385	ug/l	90
68) m/p-Xylenes	10.305	106	2593	0.801	ug/l	94
69) o-Xylene	10.640	106	1128	0.357	ug/l	83
70) Styrene	10.659	104	1865	0.363	ug/l	97
71) Bromoform	10.799	173	385	0.295	ug/l #	84
73) Isopropylbenzene	10.963	105	3039	0.397	ug/l	97
74) N-amyl acetate	10.841	43	808	0.247	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	11.213	83	1216	0.433	ug/l #	94
76) 1,2,3-Trichloropropane	11.238	75	1361m	0.524	ug/l	
77) Bromobenzene	11.195	156	906	0.485	ug/l	87
78) n-propylbenzene	11.305	91	3899	0.416	ug/l	96
79) 2-Chlorotoluene	11.366	91	2564	0.462	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2504	0.379	ug/l	99
82) 4-Chlorotoluene	11.457	91	2878	0.438	ug/l	99
83) tert-Butylbenzene	11.719	119	2487	0.385	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2340	0.355	ug/l	88
85) sec-Butylbenzene	11.890	105	3156	0.377	ug/l	99
86) p-Isopropyltoluene	12.012	119	2526	0.366	ug/l #	75
87) 1,3-Dichlorobenzene	11.975	146	1806	0.481	ug/l	87
88) 1,4-Dichlorobenzene	12.042	146	1852m	0.483	ug/l	
89) n-Butylbenzene	12.335	91	2481	0.361	ug/l	97
90) Hexachloroethane	12.536	117	431	0.377	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1549	0.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	122	0.180	ug/l #	30
93) 1,2,4-Trichlorobenzene	13.597	180	1083	0.447	ug/l	96
94) Hexachlorobutadiene	13.725	225	482	0.495	ug/l	93
95) Naphthalene	13.780	128	2927	0.347	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	964	0.411	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Oct 14 00:55:23 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

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

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

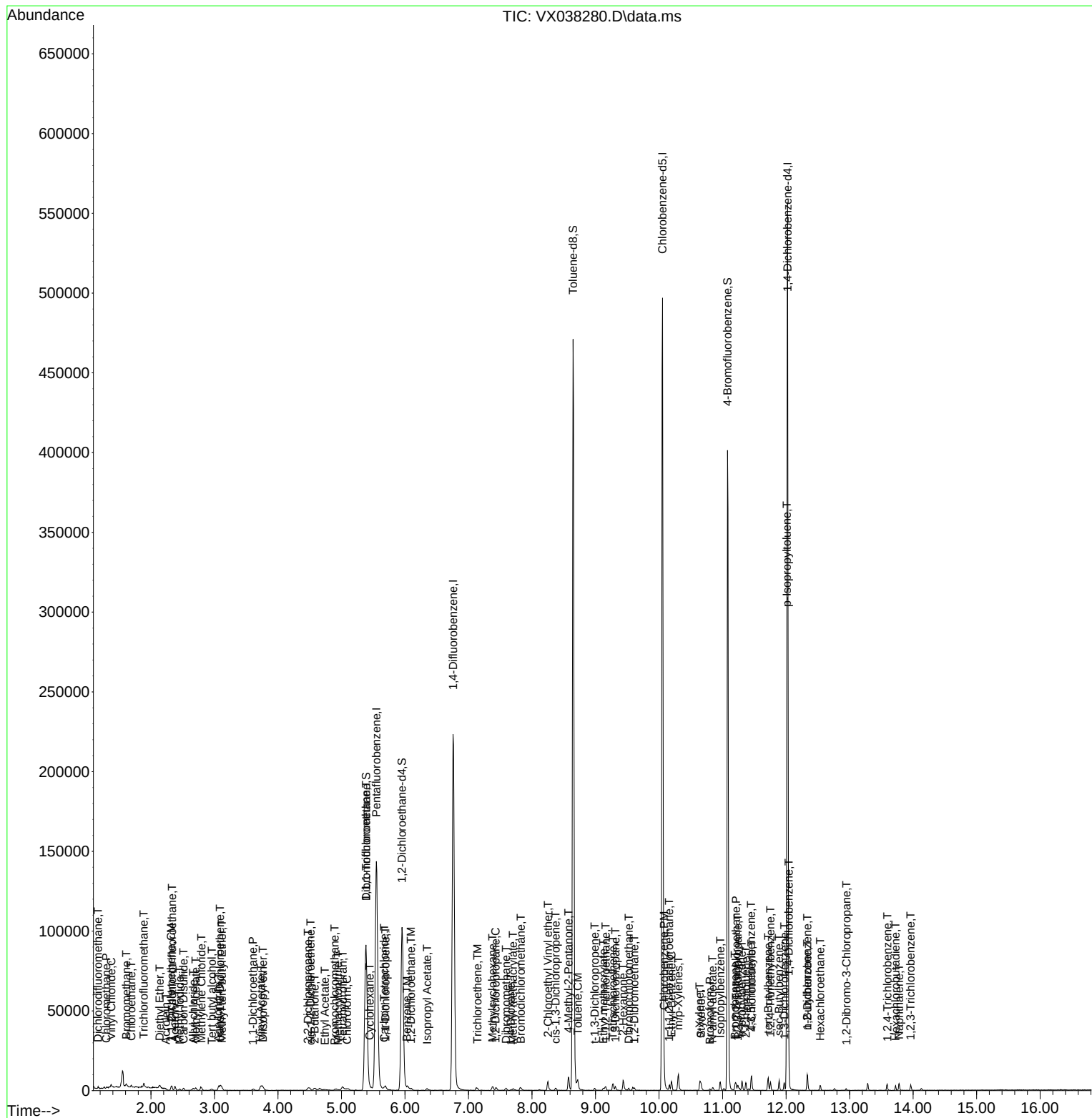
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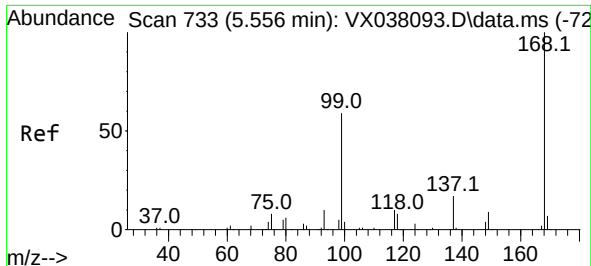
Instrument :
 MSVOA_X
 ClientSampleId :
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Manual Integrations APPROVED

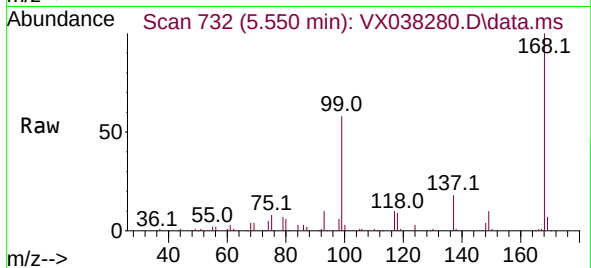
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

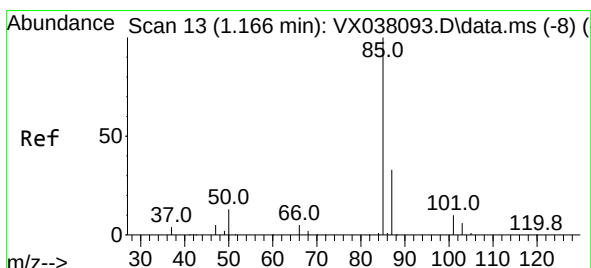
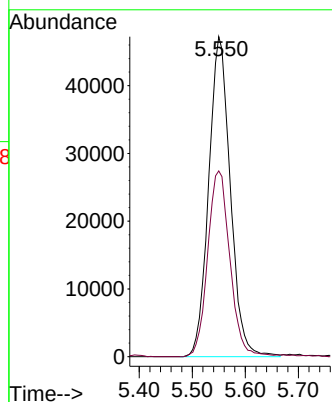
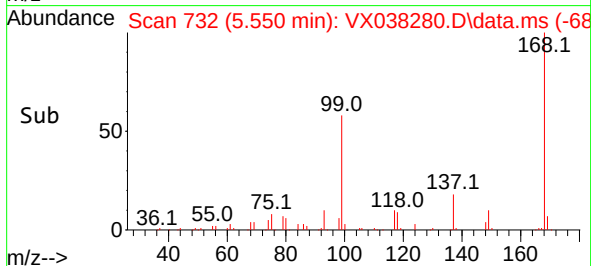
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:168 Resp: 133680
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0

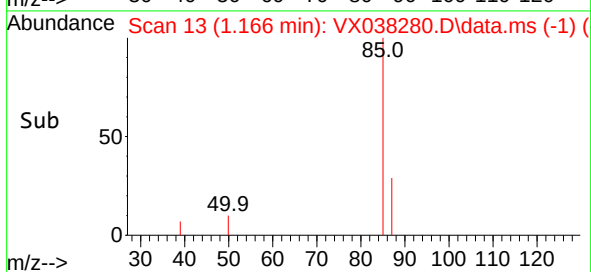
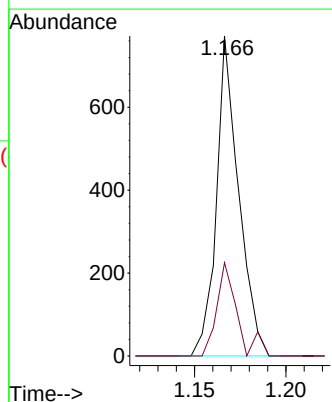
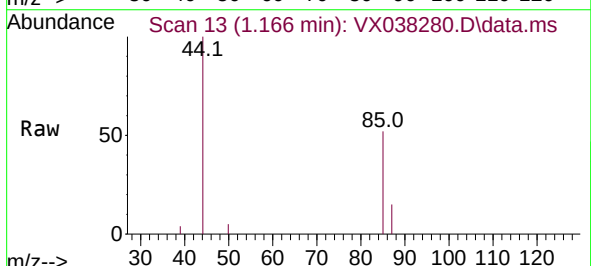
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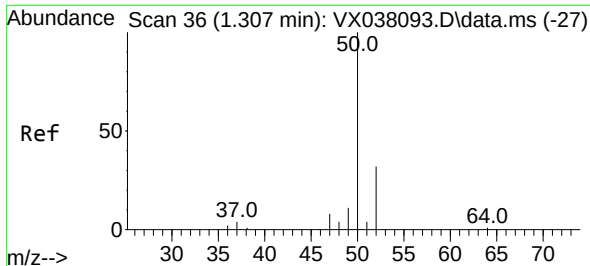
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 0.506 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 85 Resp: 653
Ion Ratio Lower Upper
85 100
87 29.1 16.7 50.1





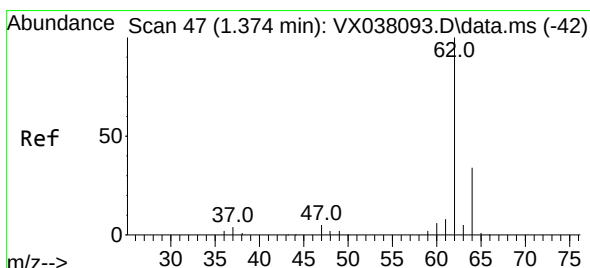
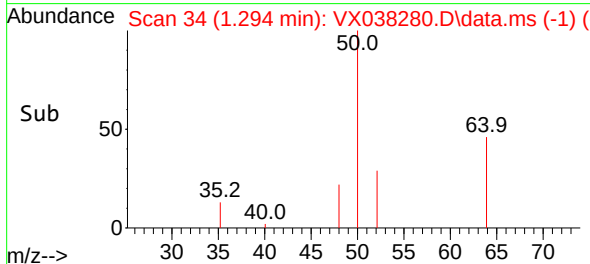
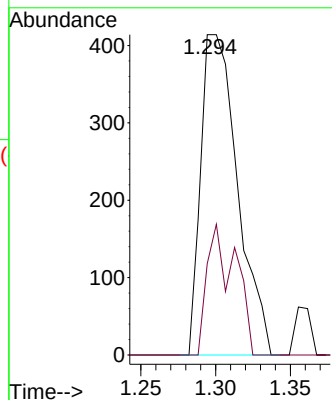
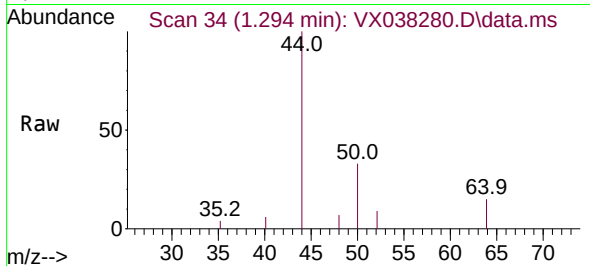
#3
Chloromethane
Concen: 0.540 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 28.5 25.5 38.3

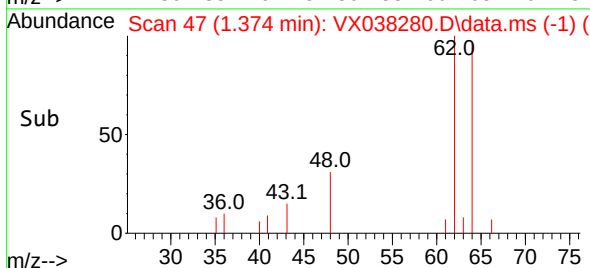
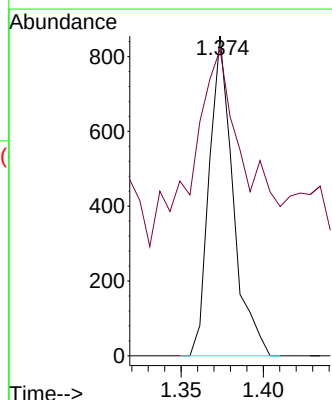
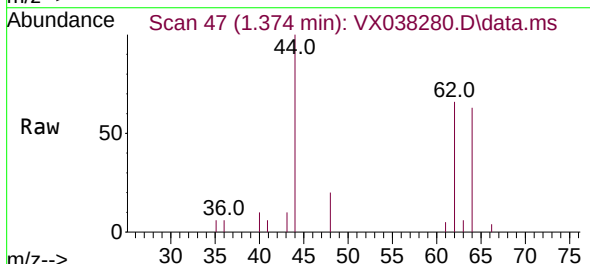
Manual Integrations
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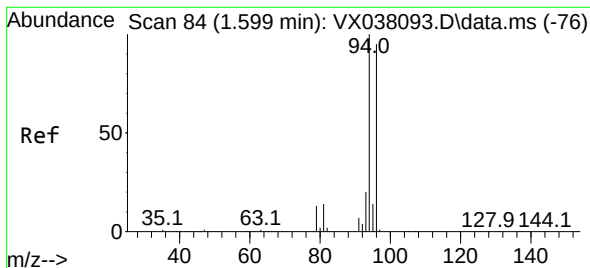
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Vinyl Chloride
Concen: 0.589 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 62 Resp: 859
Ion Ratio Lower Upper
62 100
64 49.1 25.4 38.0#





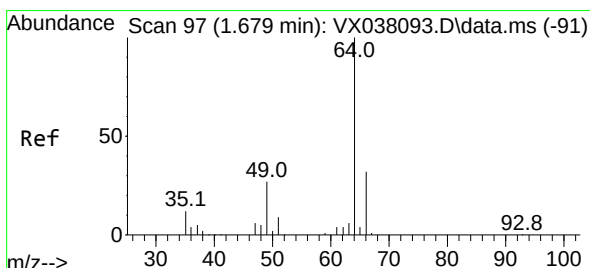
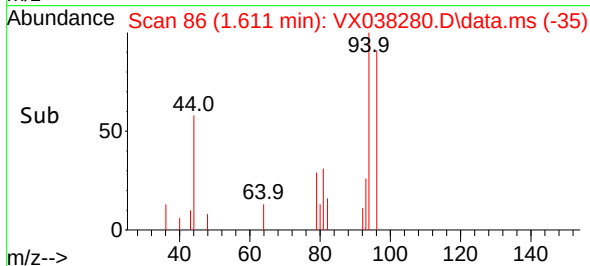
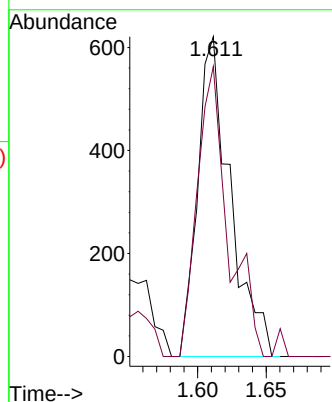
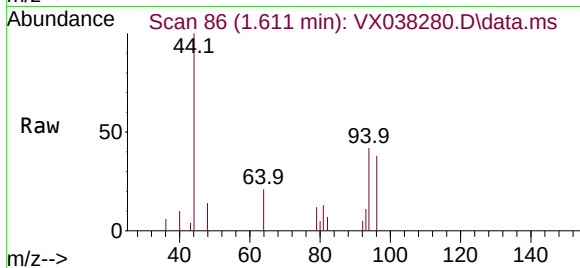
#5
Bromomethane
Concen: 0.516 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 90.7 74.6 111.8

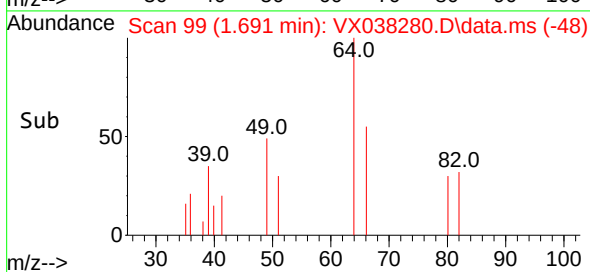
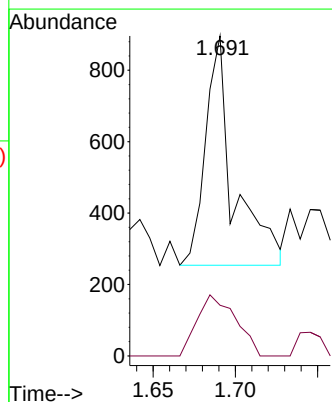
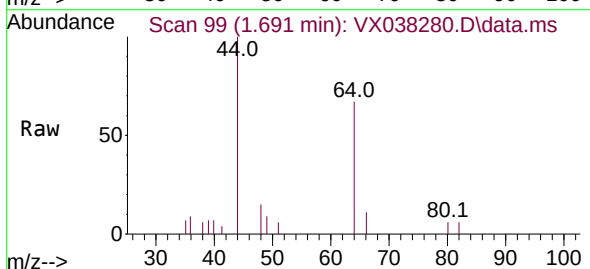
Manual Integrations
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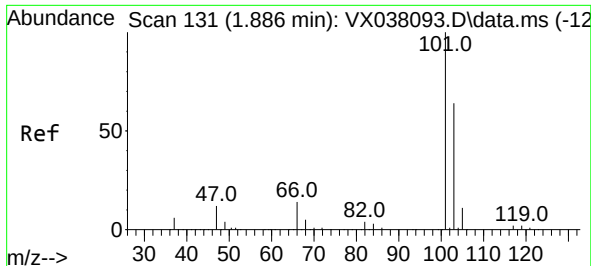
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#6
Chloroethane
Concen: 0.586 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

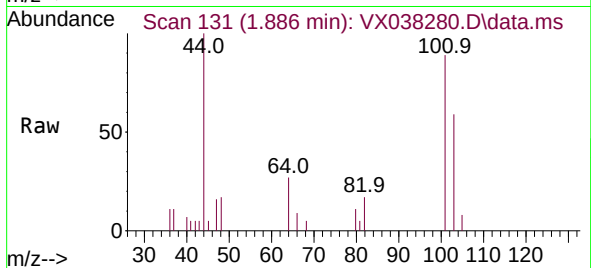
Tgt Ion: 64 Resp: 758
Ion Ratio Lower Upper
64 100
66 22.1 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 0.504 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

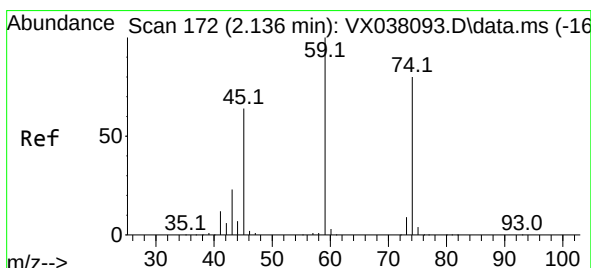
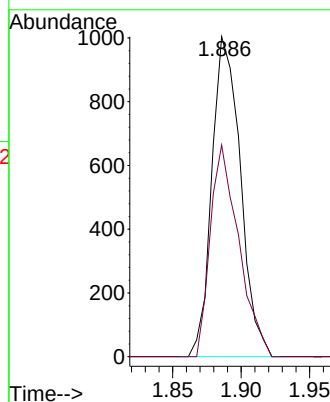
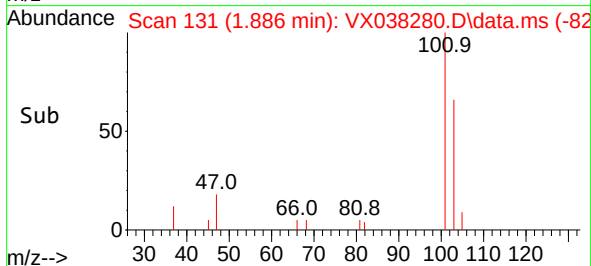
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:101 Resp: 145
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

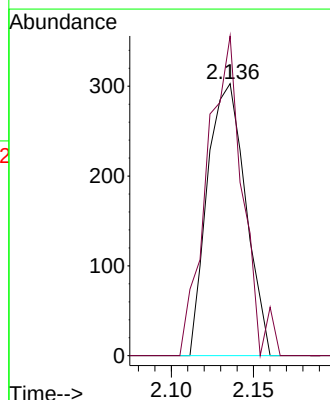
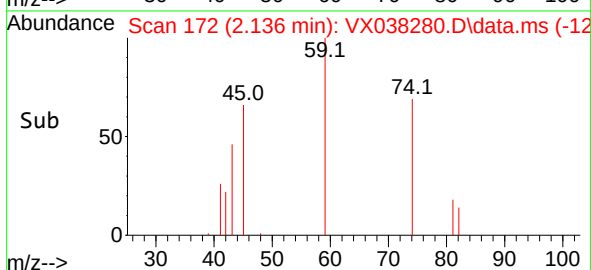
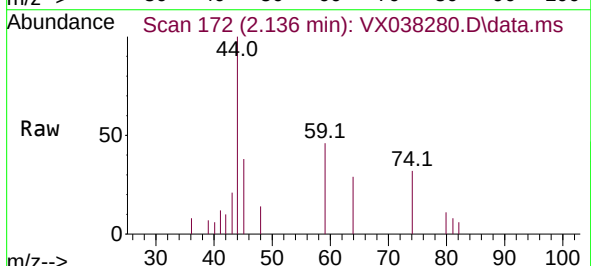
Manual Integrations
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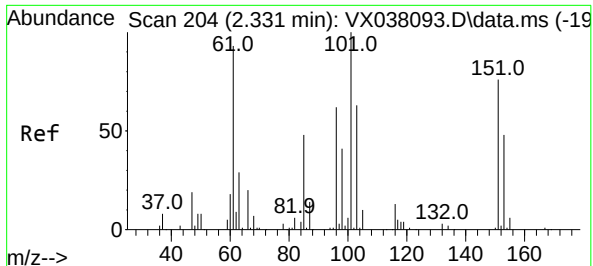
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Diethyl Ether
Concen: 0.455 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 74 Resp: 489
Ion Ratio Lower Upper
74 100
45 110.0 53.3 159.8





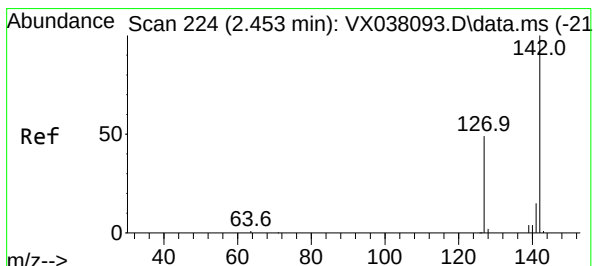
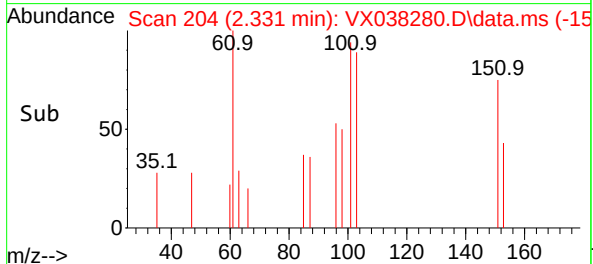
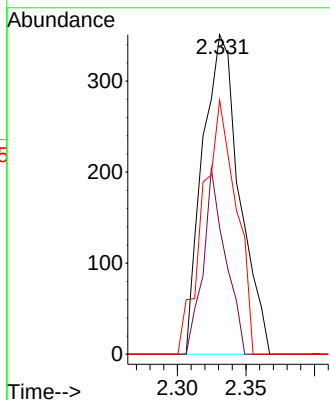
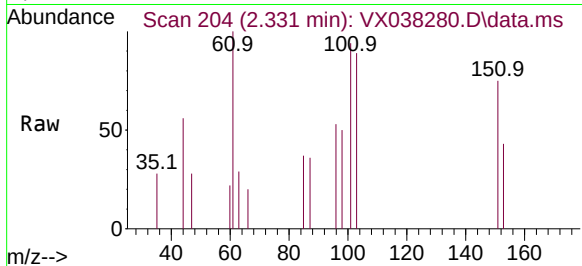
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.523 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:101 Resp: 65
Ion Ratio Lower Upper
101 100
85 35.2 37.0 55.6
151 72.0 58.6 87.8

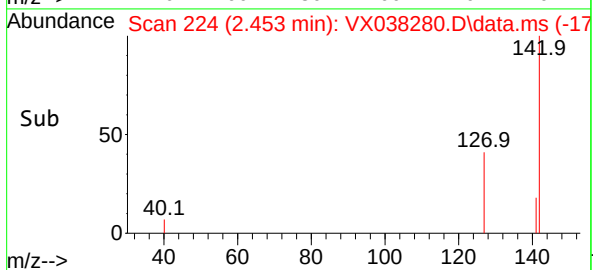
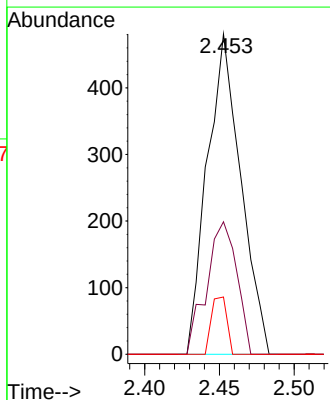
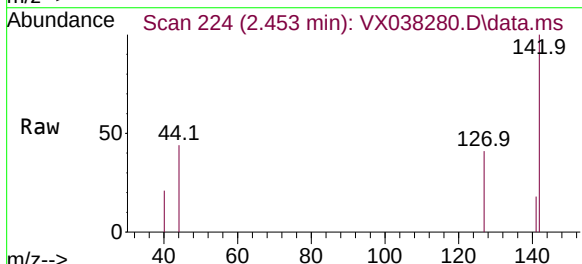
Manual Integrations
APPROVED

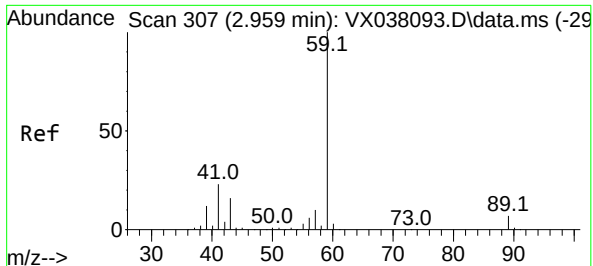
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#10
Methyl Iodide
Concen: 0.415 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

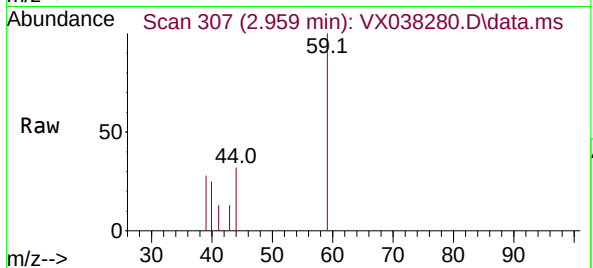
Tgt Ion:142 Resp: 751
Ion Ratio Lower Upper
142 100
127 37.2 41.6 62.4#
141 8.3 11.6 17.4#





#11
Tert butyl alcohol
Concen: 1.919 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

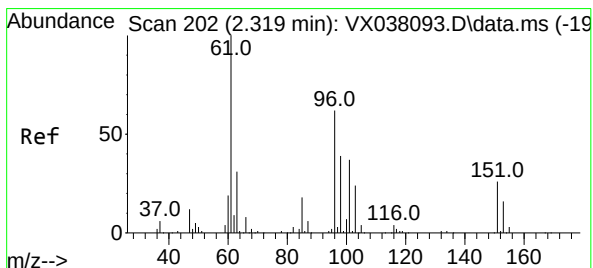
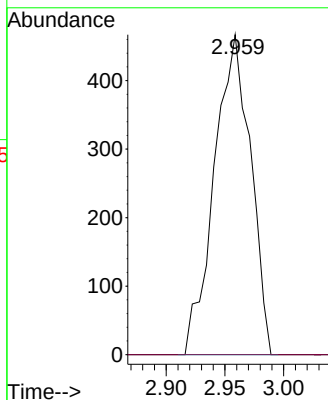
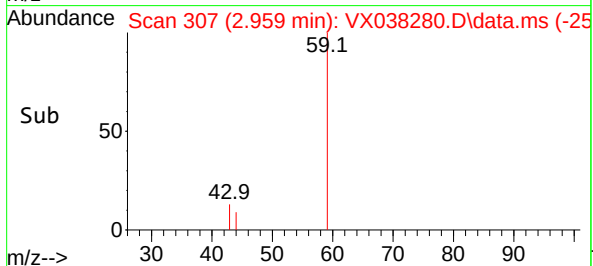
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



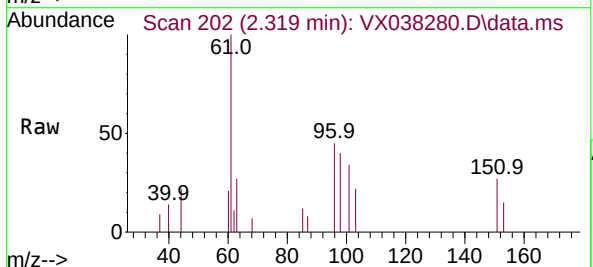
Tgt Ion: 59 Resp: 100
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

Manual Integrations
APPROVED

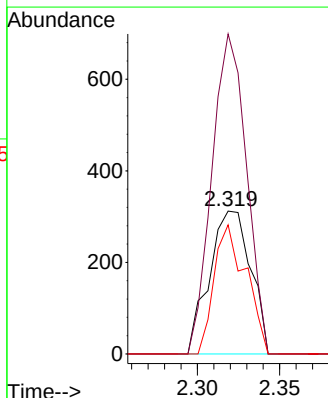
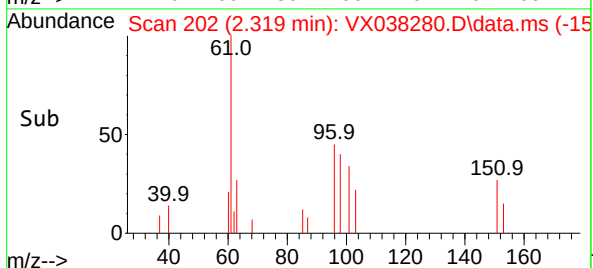
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

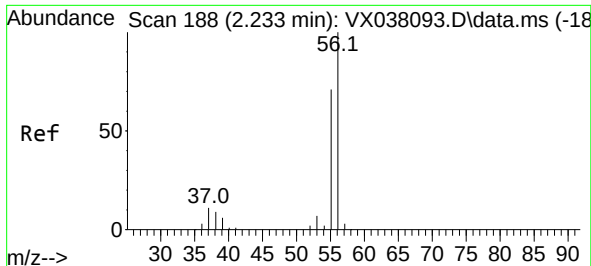


#12
1,1-Dichloroethene
Concen: 0.446 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



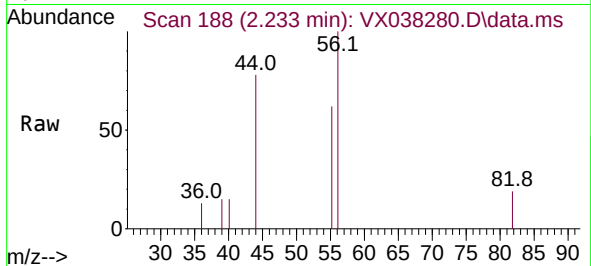
Tgt Ion: 96 Resp: 546
Ion Ratio Lower Upper
96 100
61 224.0 144.6 216.8#
98 90.4 50.4 75.6#





#13
Acrolein
Concen: 2.038 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

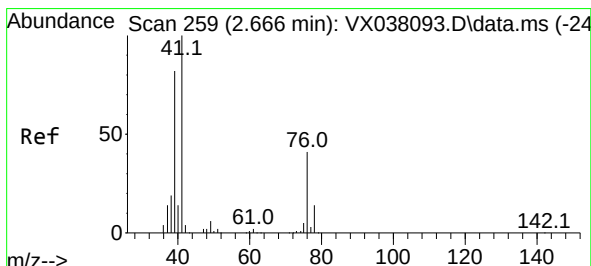
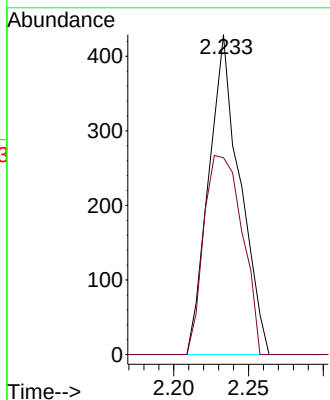
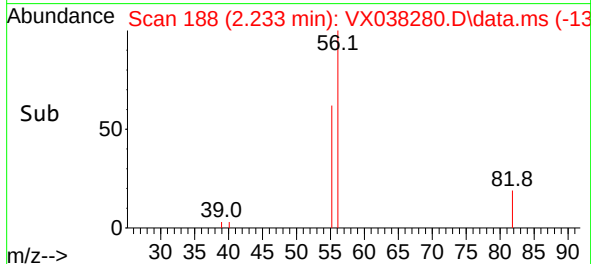
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 76.4 57.1 85.7

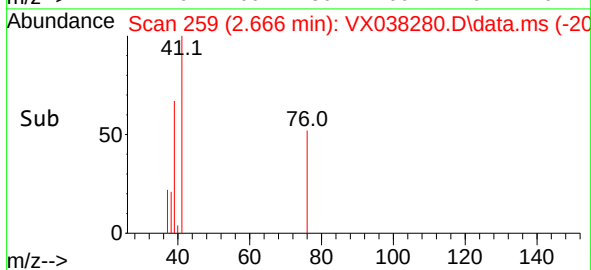
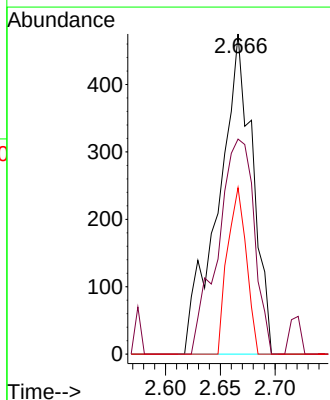
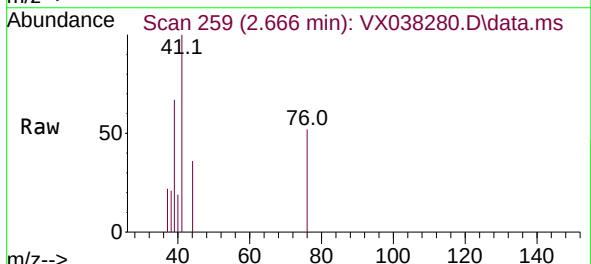
Manual Integrations
APPROVED

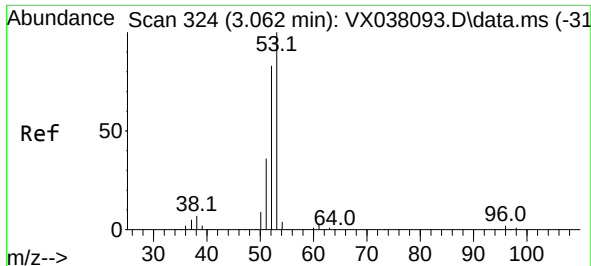
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#14
Allyl chloride
Concen: 0.469 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

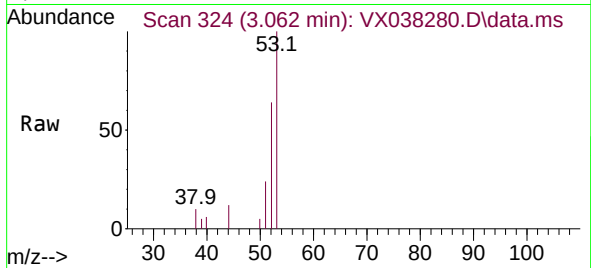
Tgt Ion: 41 Resp: 1027
Ion Ratio Lower Upper
41 100
39 71.5 55.8 83.6
76 28.8 24.3 36.5





#15
Acrylonitrile
Concen: 2.200 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

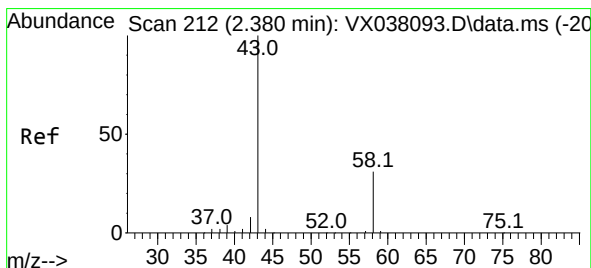
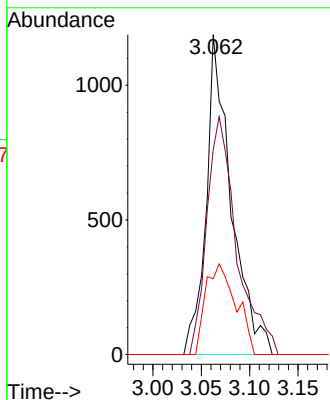
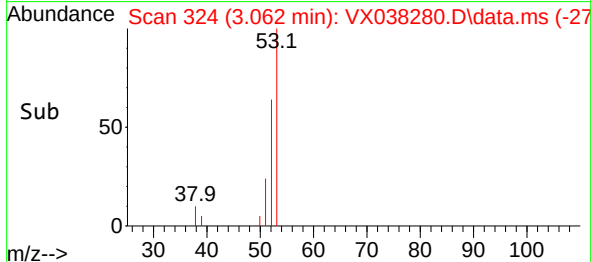
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



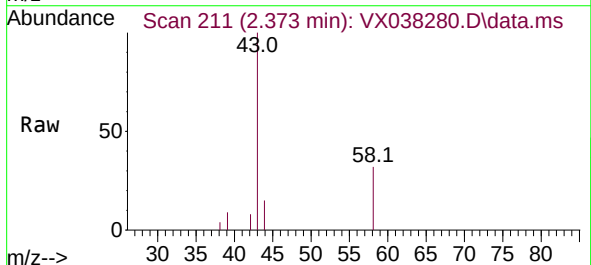
Tgt Ion: 53 Resp: 215
Ion Ratio Lower Upper
53 100
52 88.0 66.0 99.0
51 34.1 29.8 44.6

Manual Integrations
APPROVED

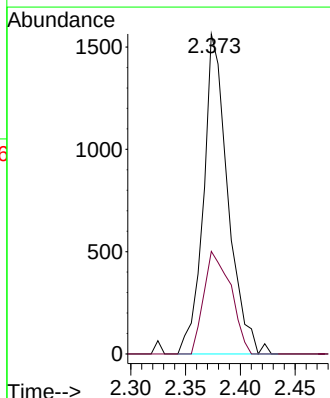
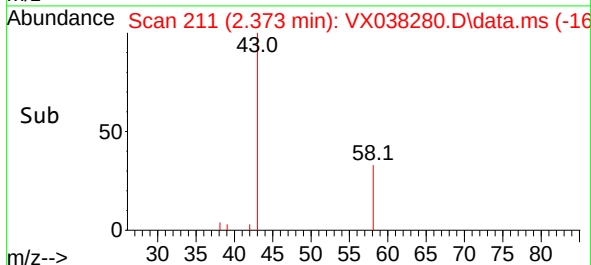
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

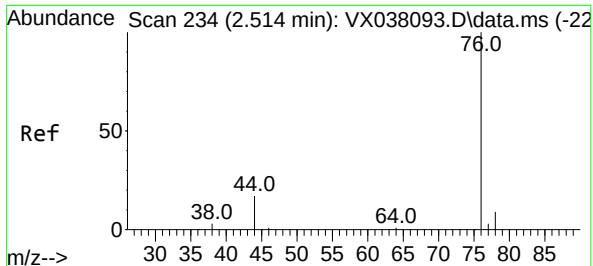


#16
Acetone
Concen: 2.700 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



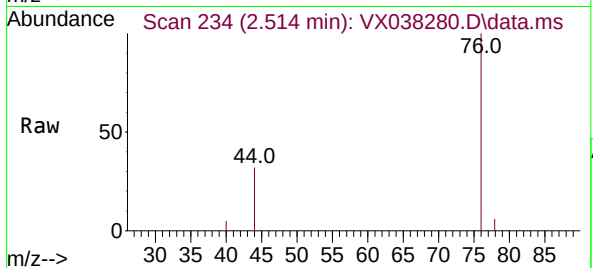
Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9





#17
Carbon Disulfide
Concen: 0.481 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

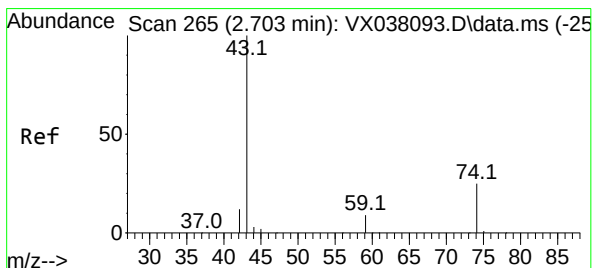
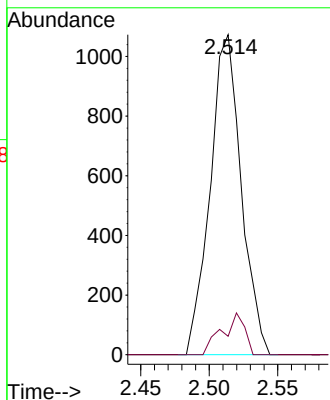
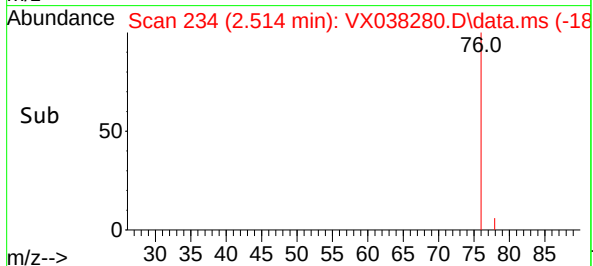
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 76 Resp: 1694
Ion Ratio Lower Upper
76 100
78 5.8 7.0 10.6

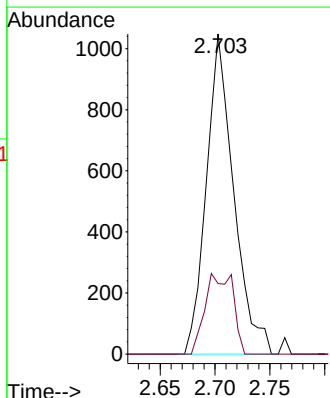
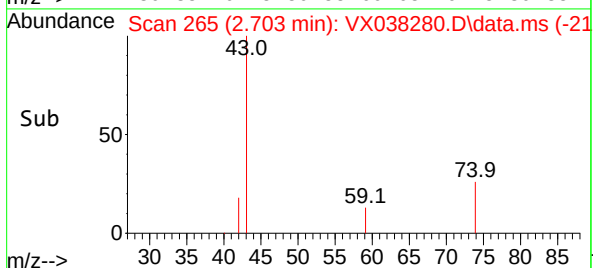
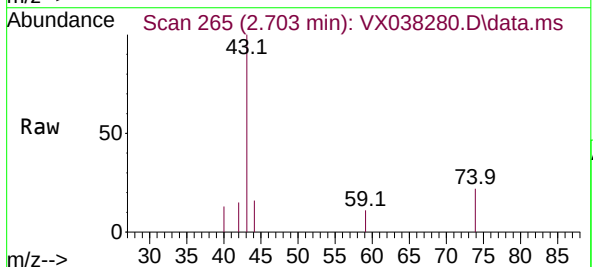
Manual Integrations
APPROVED

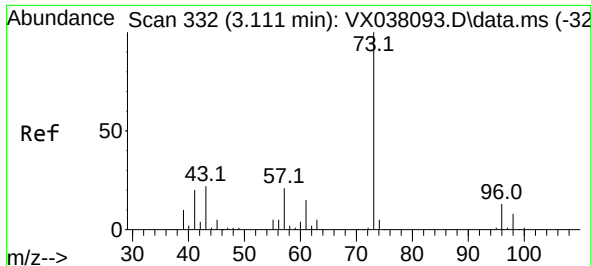
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#18
Methyl Acetate
Concen: 0.471 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8





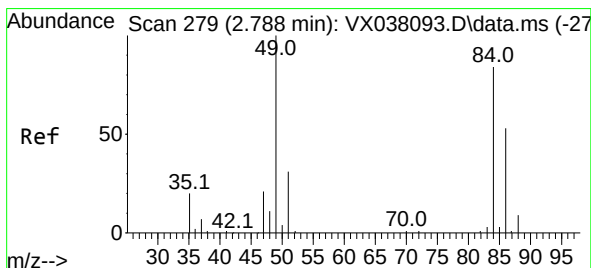
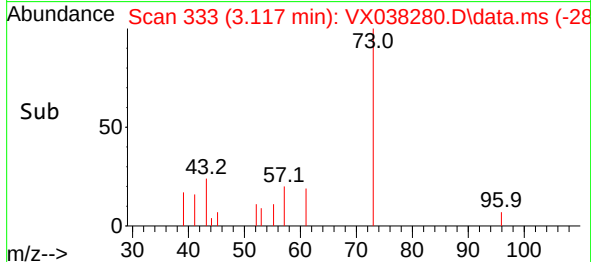
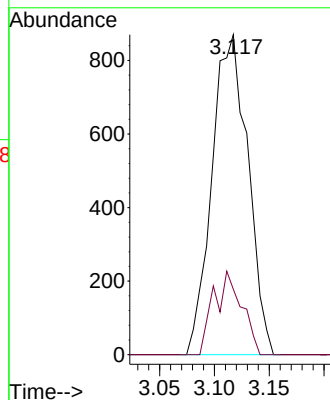
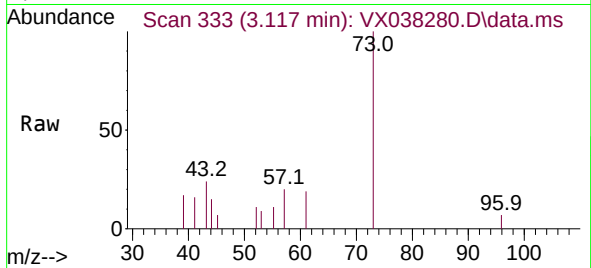
#19
Methyl tert-butyl Ether
Concen: 0.407 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 73 Resp: 1984
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

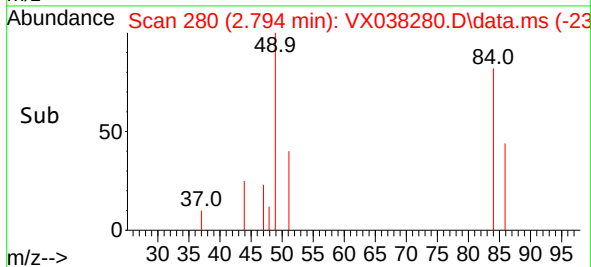
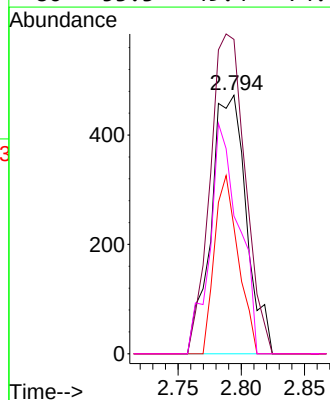
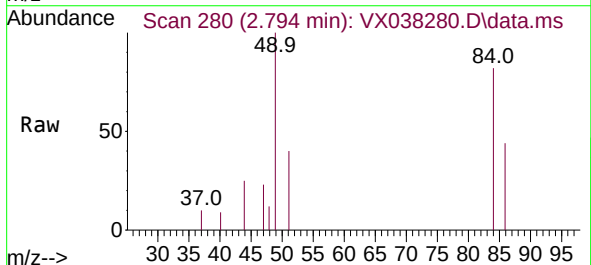
Manual Integrations
APPROVED

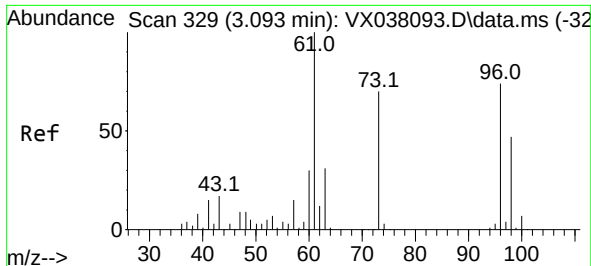
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

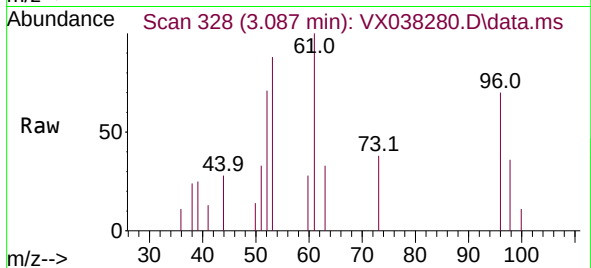
Tgt Ion: 84 Resp: 918
Ion Ratio Lower Upper
84 100
49 121.6 103.6 155.4
51 48.8 33.8 50.6
86 53.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.440 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

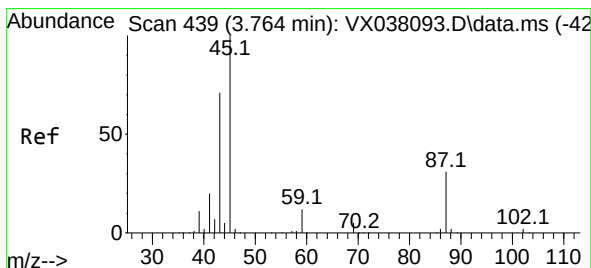
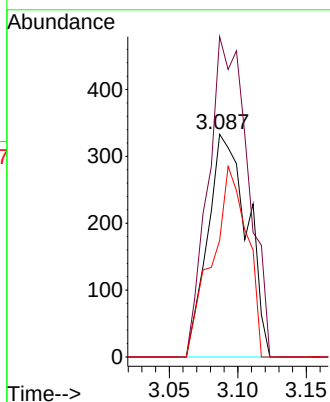
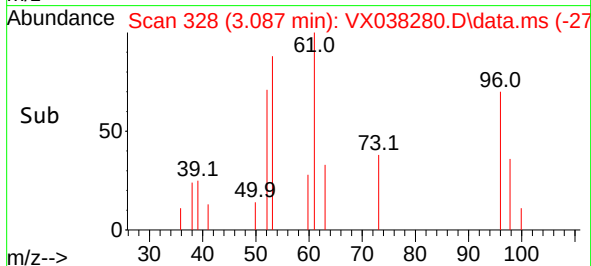
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 660
Ion Ratio Lower Upper
96 100
61 143.8 119.2 178.8
98 52.3 48.7 73.1

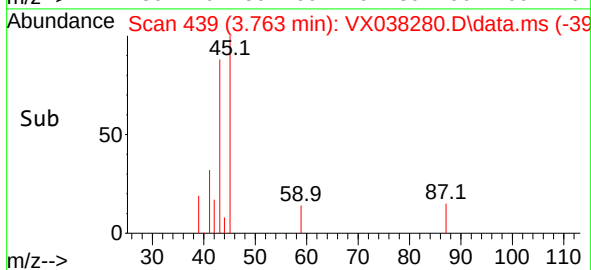
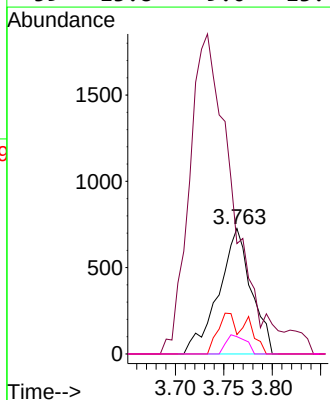
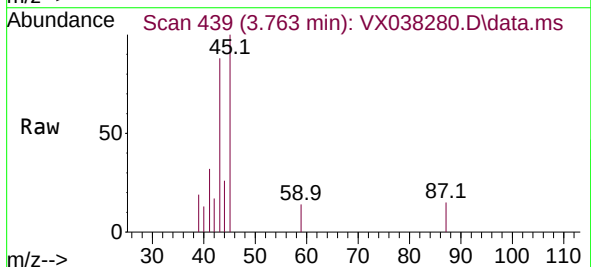
Manual Integrations
APPROVED

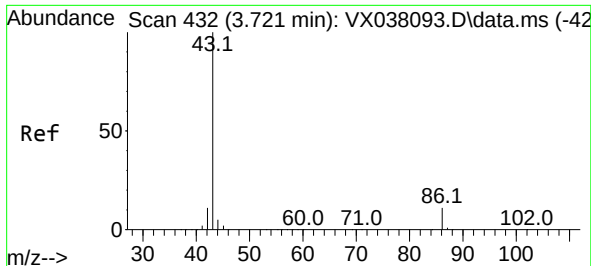
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#22
Diisopropyl ether
Concen: 0.372 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 45 Resp: 1707
Ion Ratio Lower Upper
45 100
43 69.5 69.7 104.5#
87 15.4 20.8 31.2#
59 13.8 9.0 13.4#





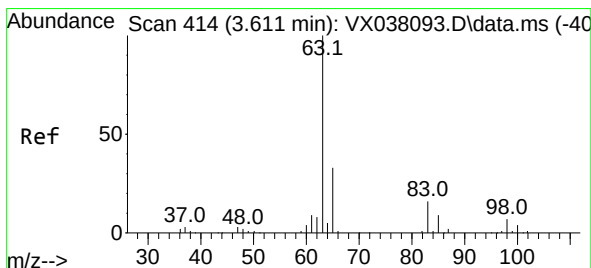
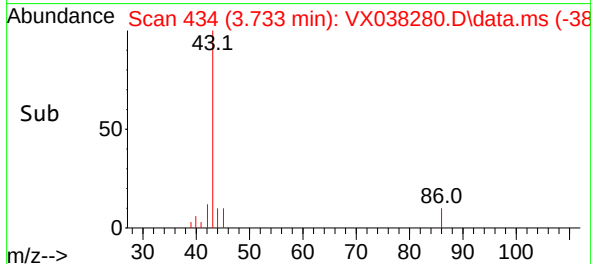
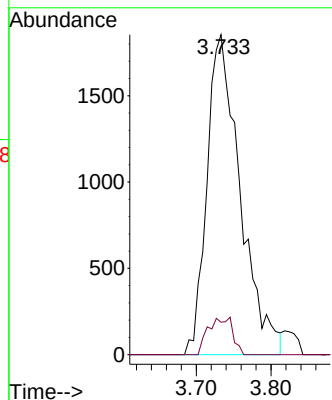
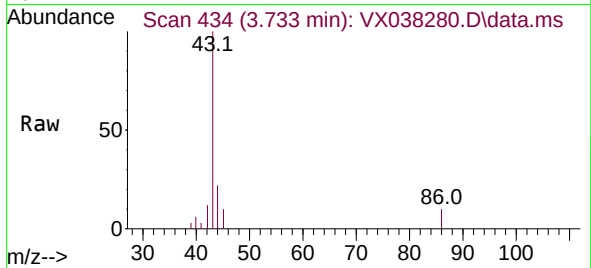
#23
 Vinyl Acetate
 Concen: 1.704 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.012 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 5729
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

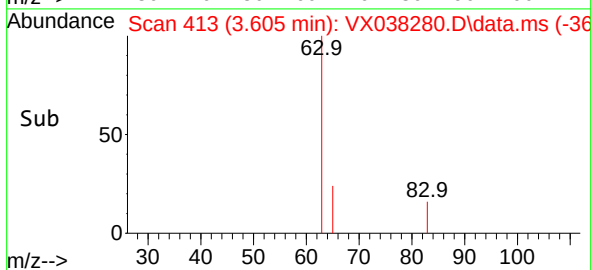
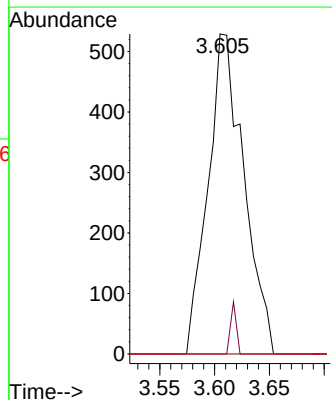
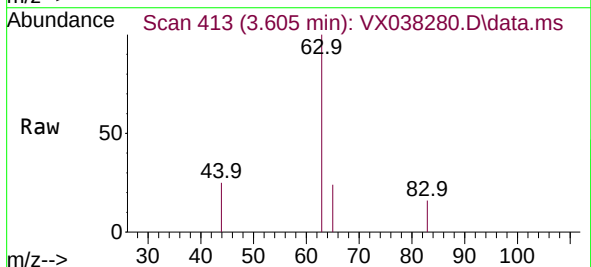
Manual Integrations
 APPROVED

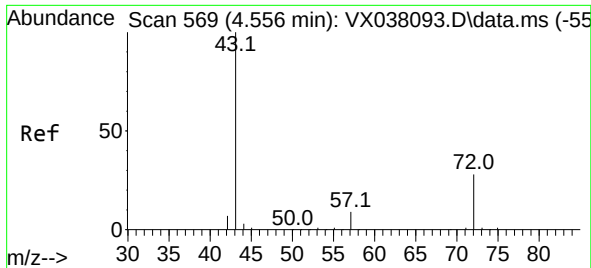
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 0.433 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 63 Resp: 1204
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





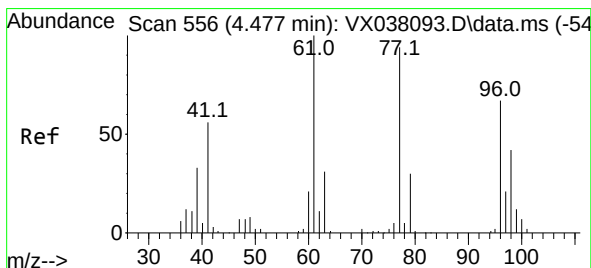
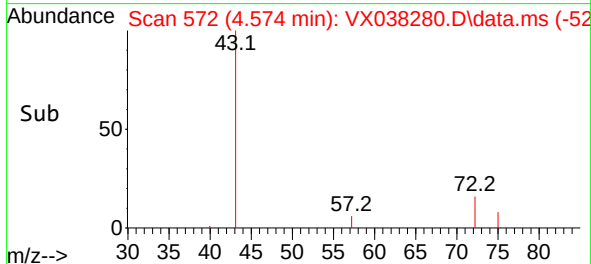
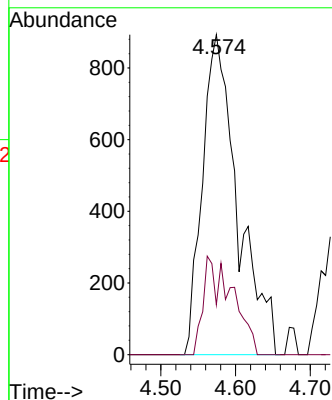
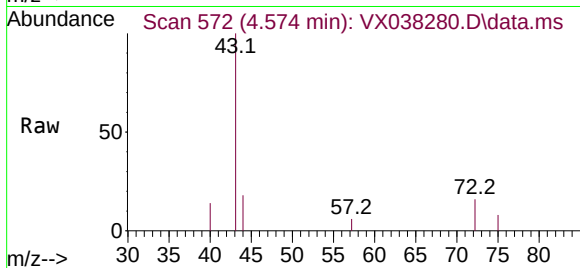
#25
2-Butanone
Concen: 2.026 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
72 15.6 19.4 29.2

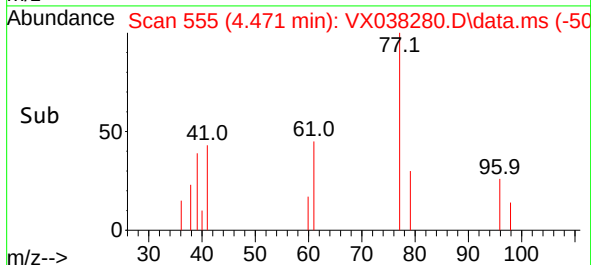
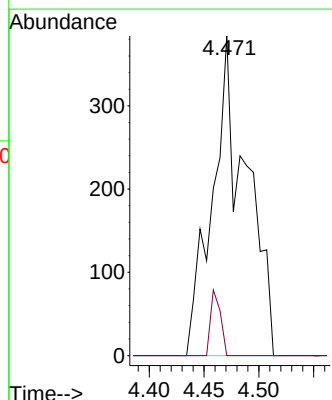
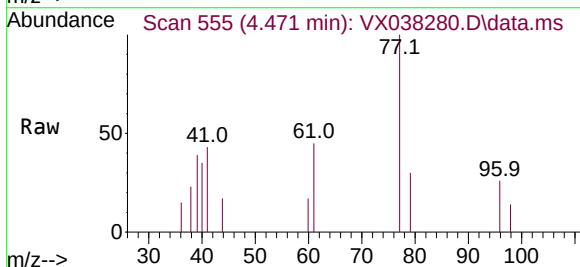
Manual Integrations
APPROVED

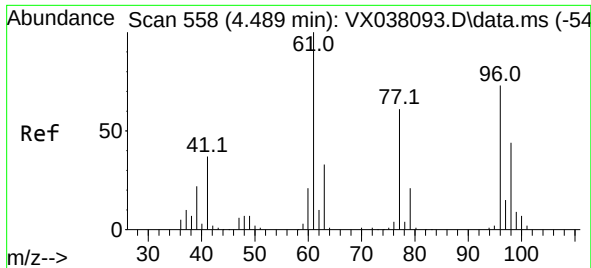
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
2,2-Dichloropropane
Concen: 0.382 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

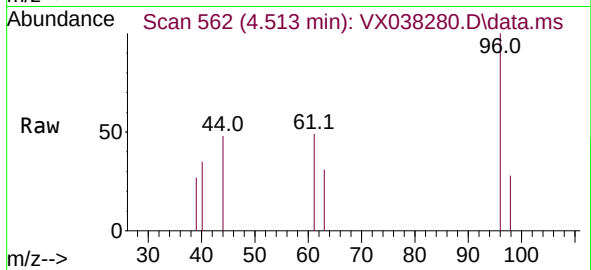
Tgt Ion: 77 Resp: 829
Ion Ratio Lower Upper
77 100
97 5.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 0.451 ug/l m
RT: 4.513 min Scan# 511
Delta R.T. 0.024 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

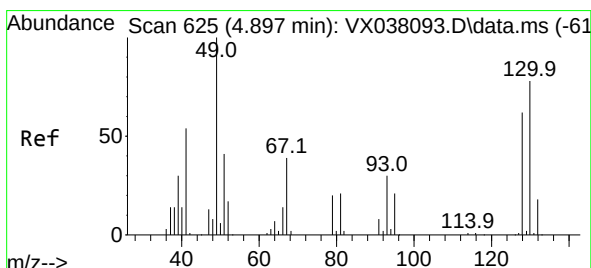
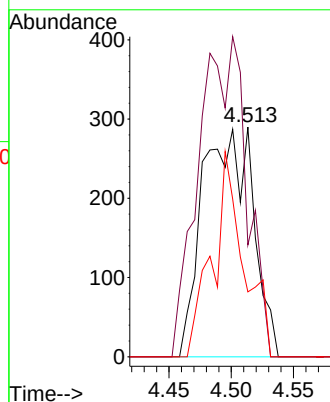
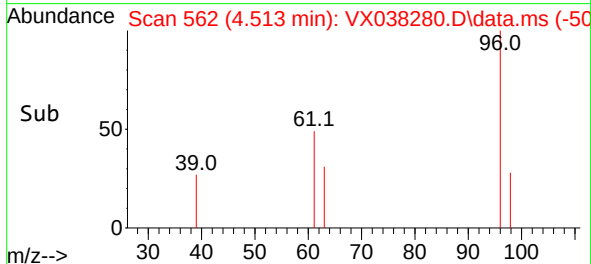
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 811
Ion Ratio Lower Upper
96 100
61 133.0 0.0 312.2
98 55.2 0.0 129.0

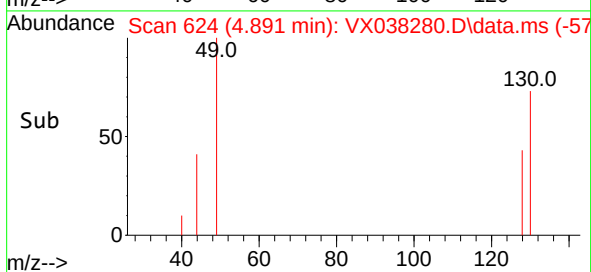
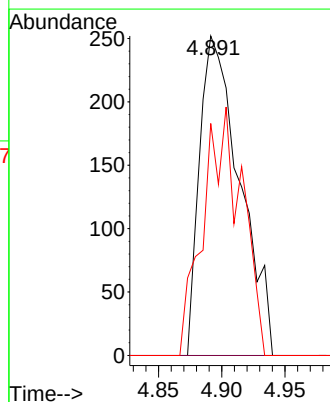
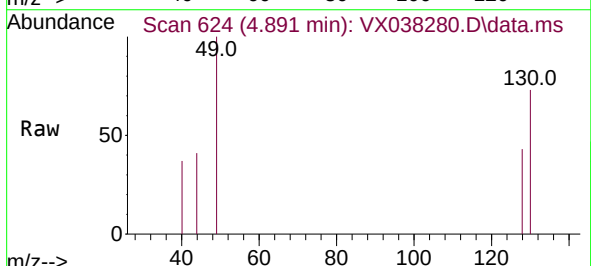
Manual Integrations
APPROVED

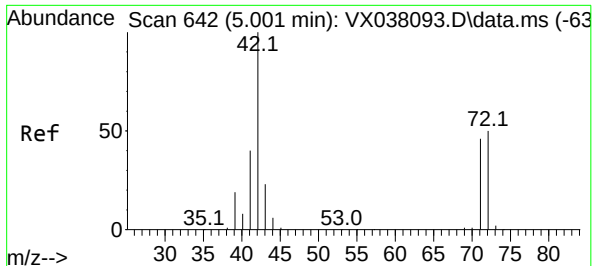
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#28
Bromochloromethane
Concen: 0.444 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 49 Resp: 558
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 74.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 1.980 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

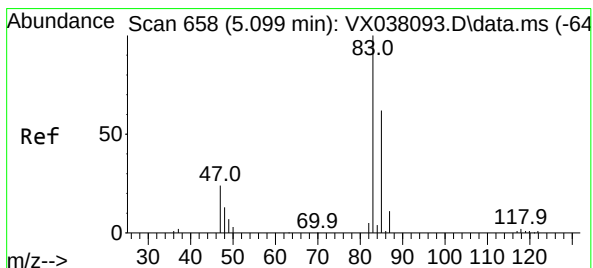
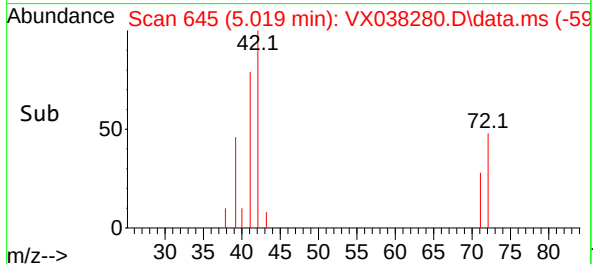
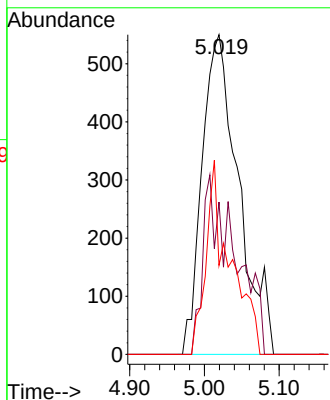
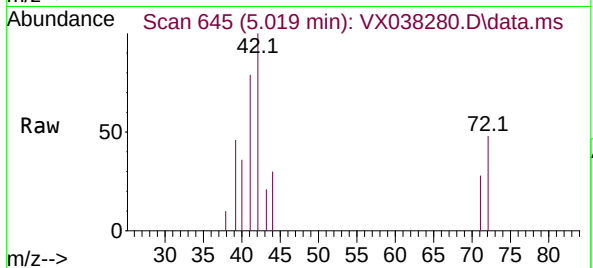
MDL-WATER-03-QT4-2023

Tgt Ion:	42	Resp:	186
Ion	Ratio	Lower	Upper
42	100		
72	26.0	34.2	51.4
71	39.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#30

Chloroform

Concen: 0.431 ug/l

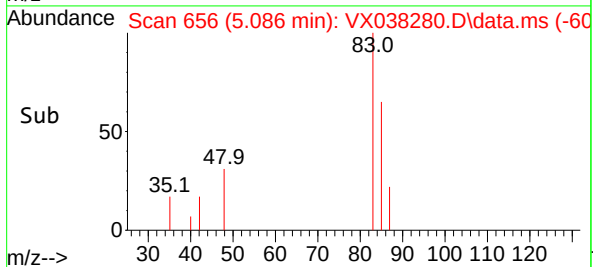
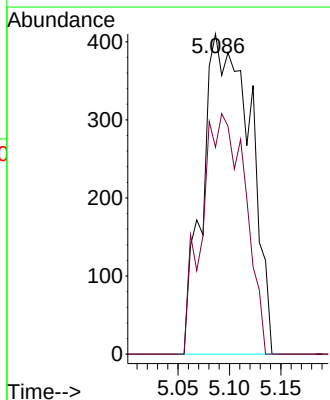
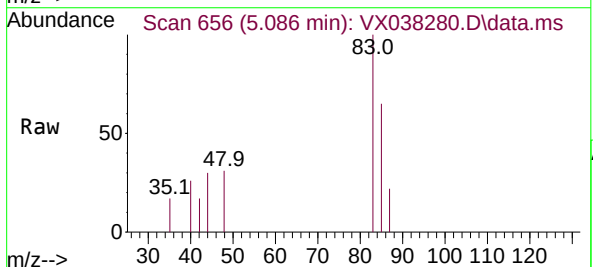
RT: 5.086 min Scan# 656

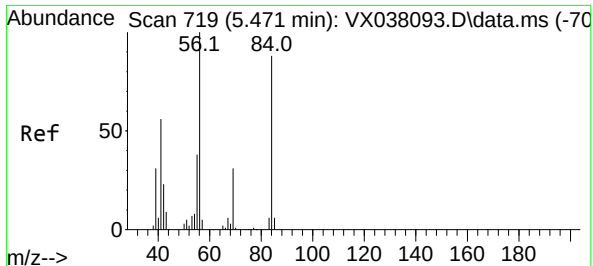
Delta R.T. -0.007 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

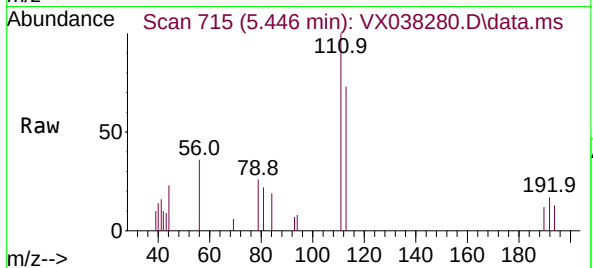
Tgt Ion:	83	Resp:	1311
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5





#31
Cyclohexane
Concen: 0.491 ug/l m
RT: 5.446 min Scan# 715
Delta R.T. -0.025 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

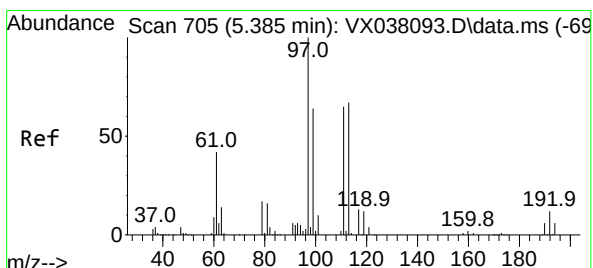
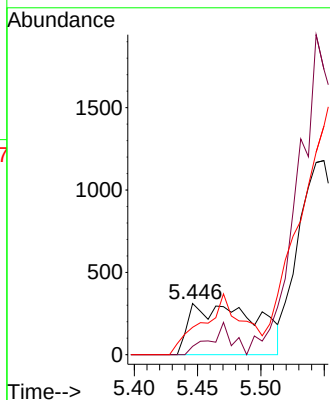
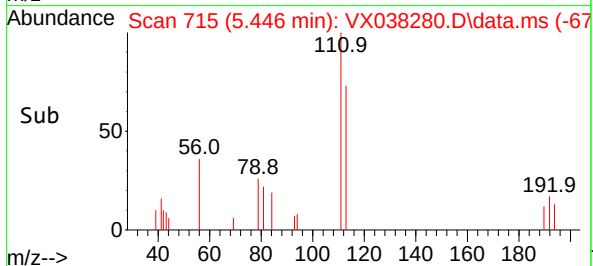
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 56 Resp: 114
Ion Ratio Lower Upper
56 100
69 16.4 23.4 35.2
84 53.4 65.9 98.9

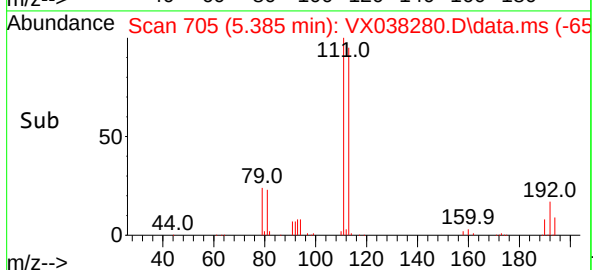
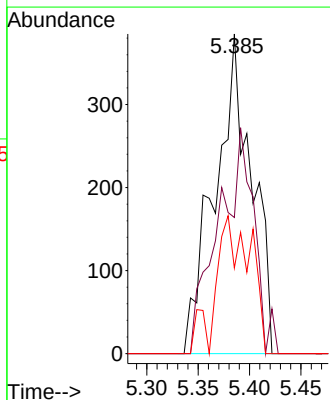
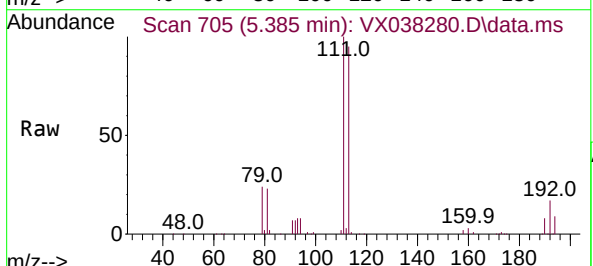
Manual Integrations
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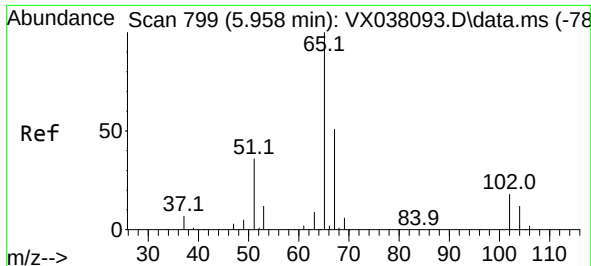
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#32
1,1,1-Trichloroethane
Concen: 0.368 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 97 Resp: 959
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.353 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 9967

Ion Ratio Lower Upper

65 100

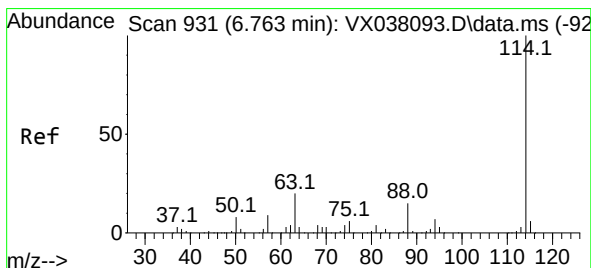
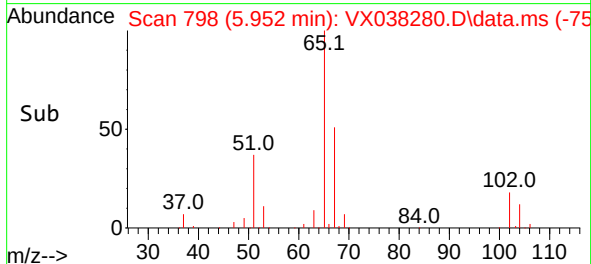
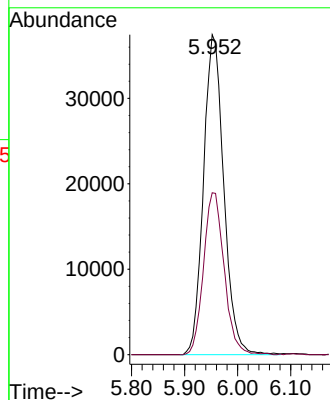
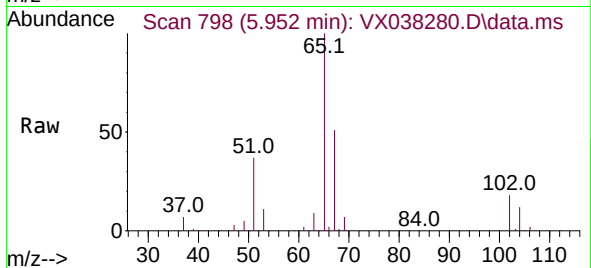
67 51.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

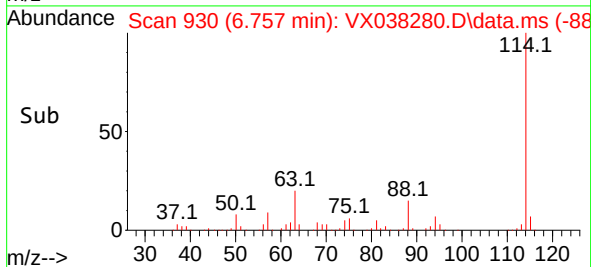
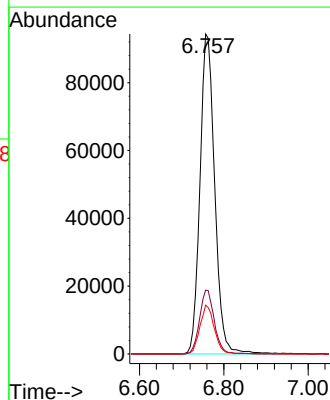
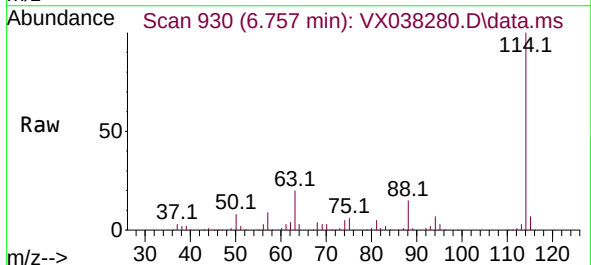
Tgt Ion:114 Resp: 229939

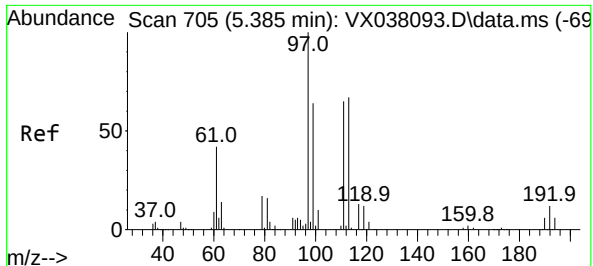
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.532 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

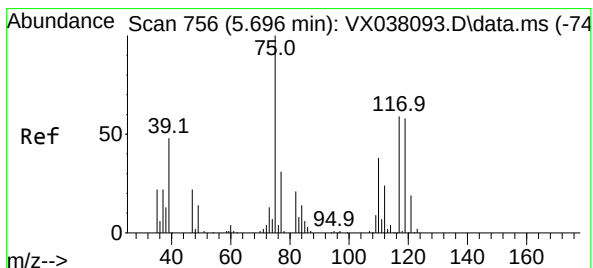
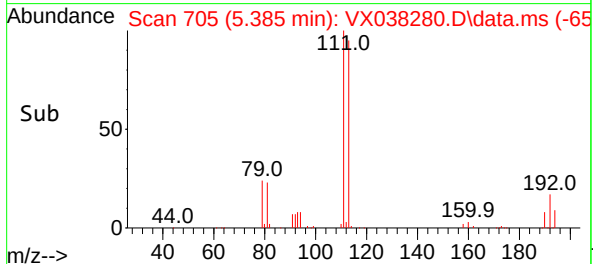
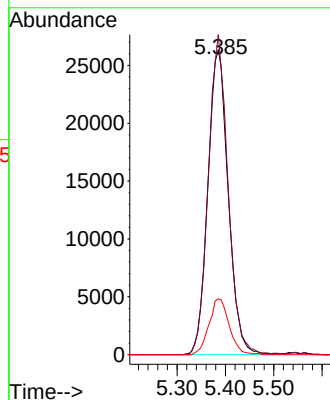
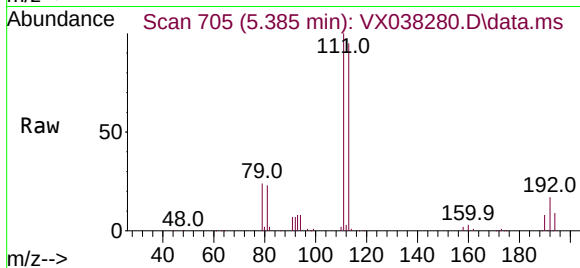
Tgt Ion:113 Resp: 77090

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	18.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#36

1,1-Dichloropropene

Concen: 0.509 ug/l

RT: 5.690 min Scan# 755

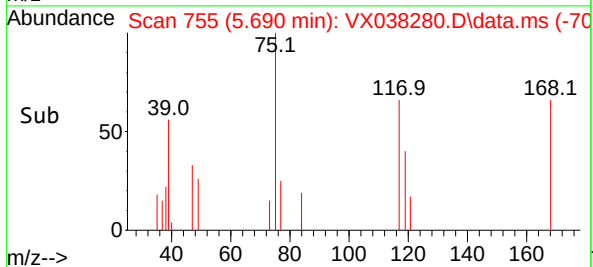
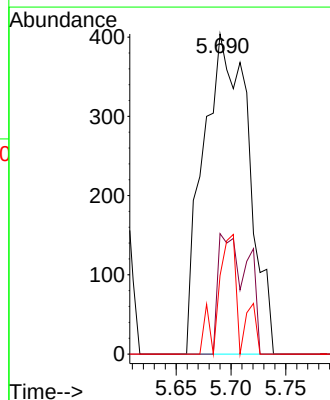
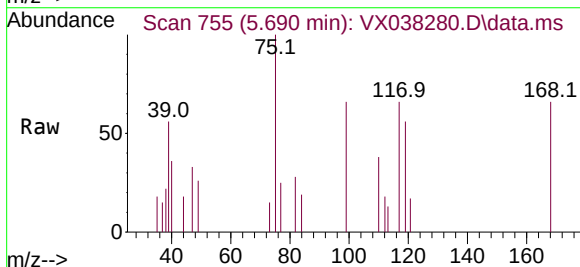
Delta R.T. -0.000 min

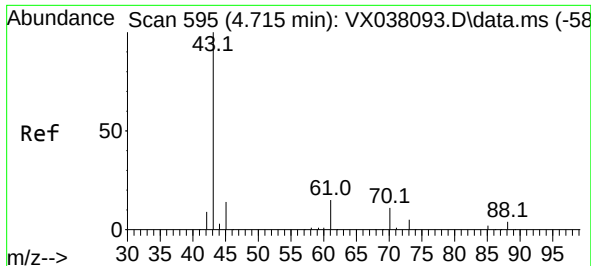
Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 1163

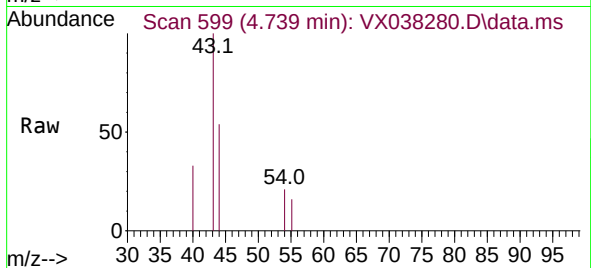
Ion	Ratio	Lower	Upper
75	100		
110	24.2	17.0	50.9
77	18.0	24.7	37.1#





#37
Ethyl Acetate
Concen: 0.395 ug/l m
RT: 4.739 min Scan# 595
Delta R.T. 0.024 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

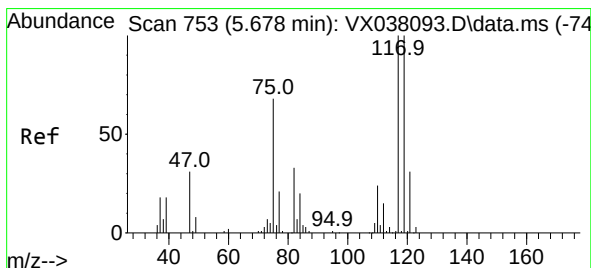
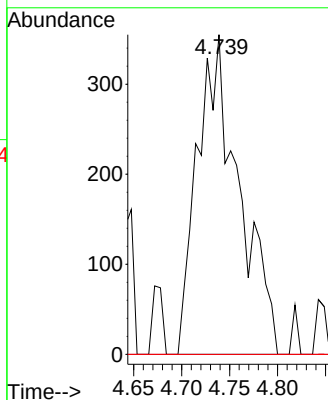
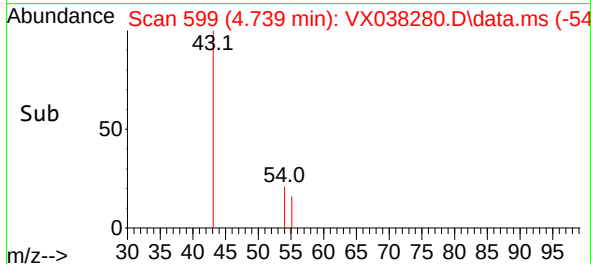
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0
70 0.0 8.3 12.5

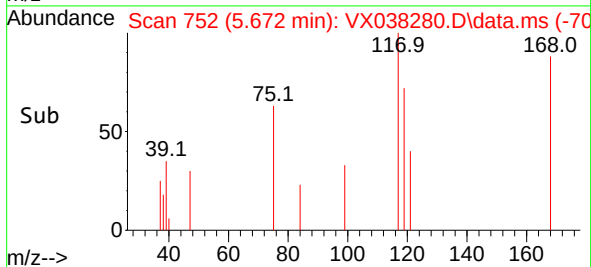
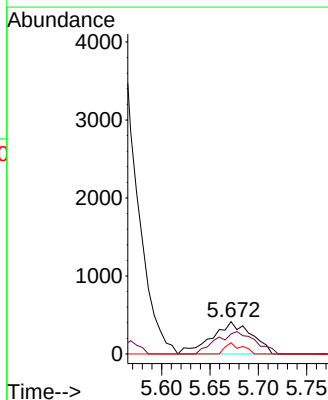
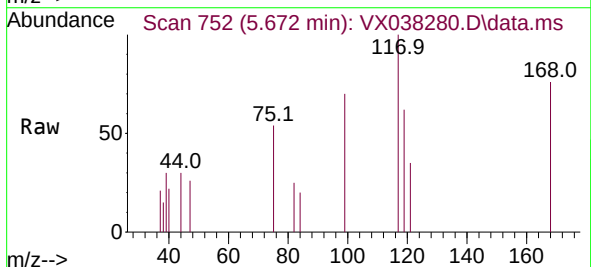
Manual Integrations
APPROVED

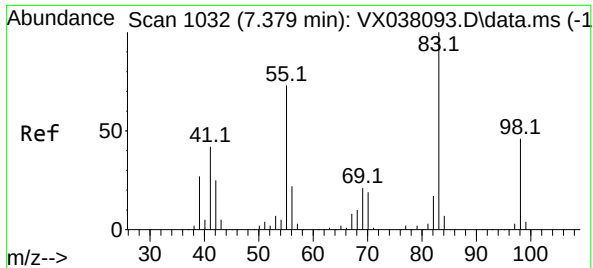
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#38
Carbon Tetrachloride
Concen: 0.525 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:117 Resp: 1180
Ion Ratio Lower Upper
117 100
119 62.1 78.2 117.2#
121 34.5 24.4 36.6





#39

Methylcyclohexane

Concen: 0.432 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

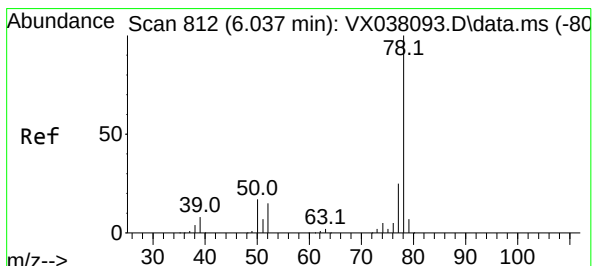
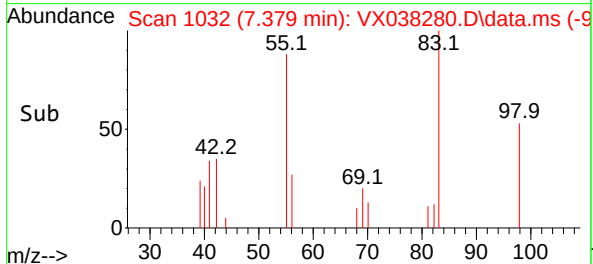
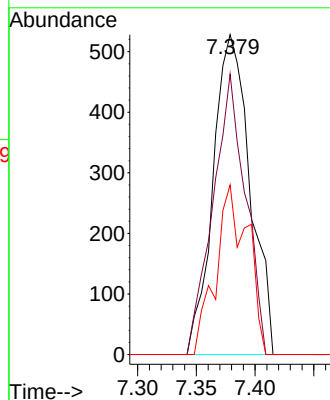
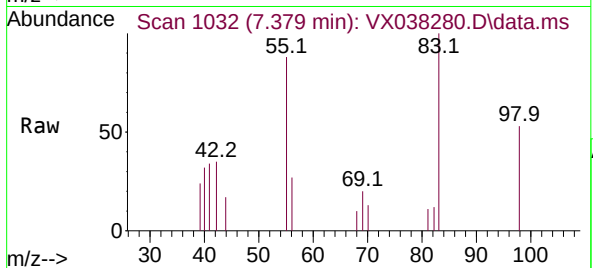
MDL-WATER-03-QT4-2023

Tgt Ion: 83	Resp: 1150
Ion Ratio	Lower Upper
83	100
55	87.7 64.6 97.0
98	53.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40

Benzene

Concen: 0.437 ug/l

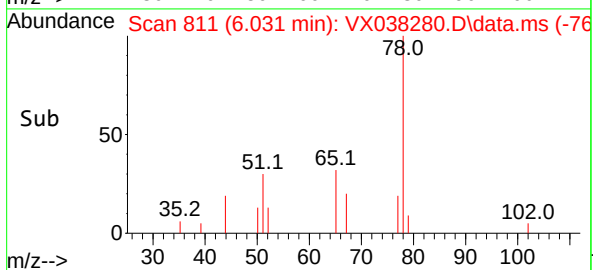
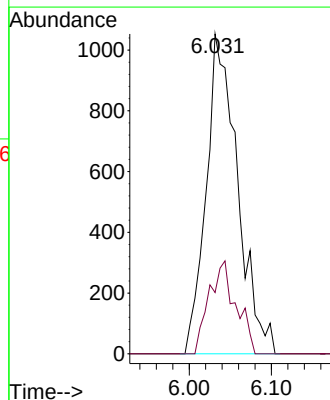
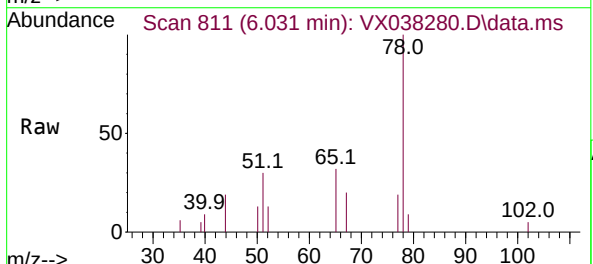
RT: 6.031 min Scan# 811

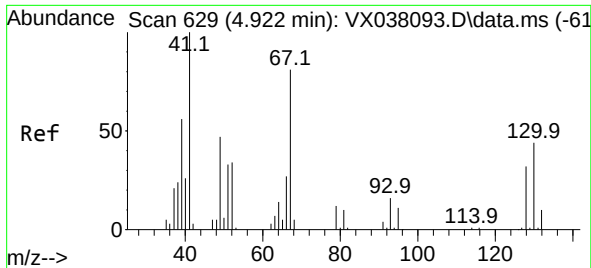
Delta R.T. -0.007 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

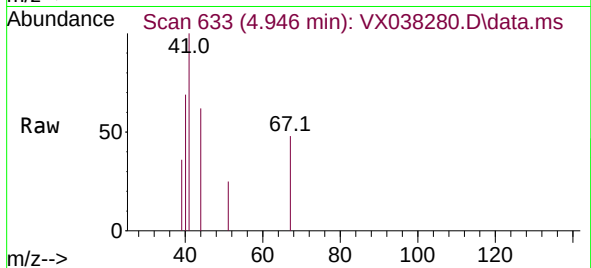
Tgt Ion: 78	Resp: 2793
Ion Ratio	Lower Upper
78	100
77	19.2 19.3 28.9#





#41
Methacrylonitrile
Concen: 0.361 ug/l m
RT: 4.946 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

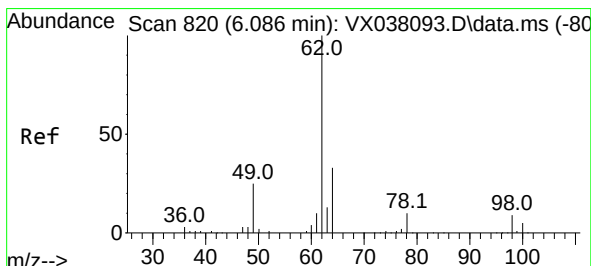
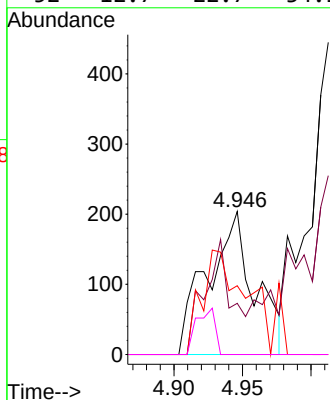
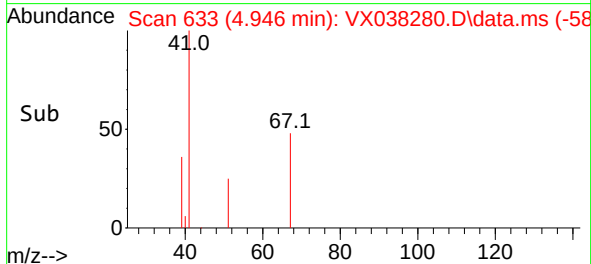
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:	41	Resp:	48
Ion	Ratio	Lower	Upper
41	100		
39	47.6	45.2	67.8
67	75.4	52.6	78.8
52	12.7	22.7	34.1

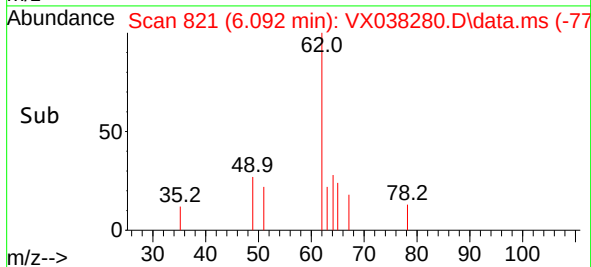
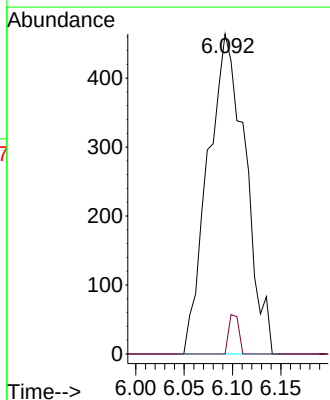
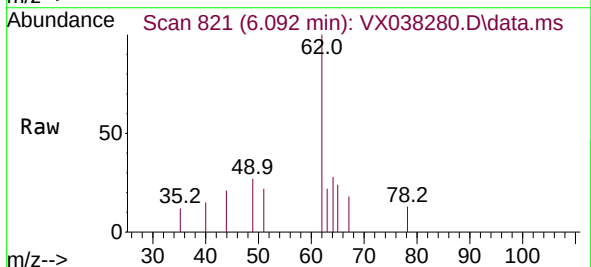
Manual Integrations
APPROVED

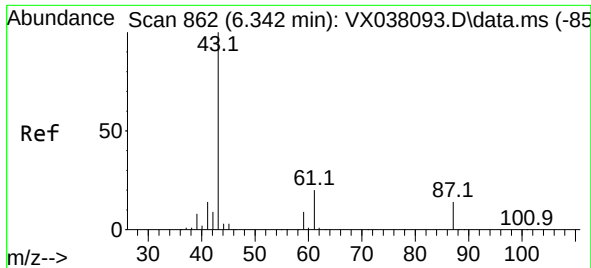
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#42
1,2-Dichloroethane
Concen: 0.490 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:	62	Resp:	1250
Ion	Ratio	Lower	Upper
62	100		
98	3.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.372 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

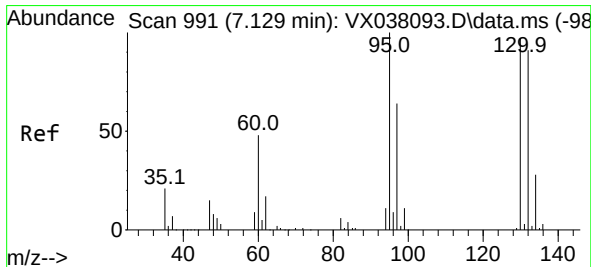
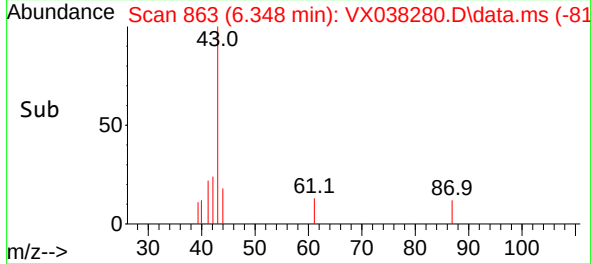
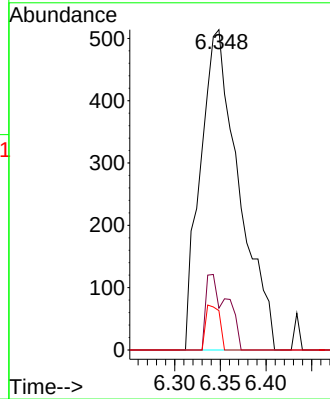
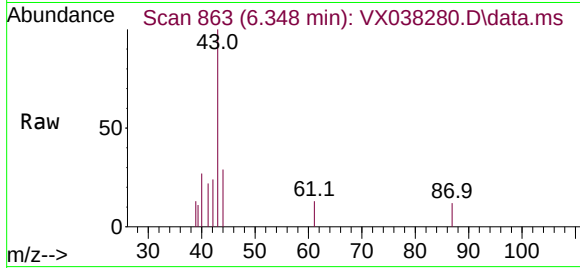
Tgt Ion: 43 Resp: 1508

Ion	Ratio	Lower	Upper
43	100		
61	12.8	15.2	22.8
87	5.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44

Trichloroethene

Concen: 0.439 ug/l m

RT: 7.141 min Scan# 993

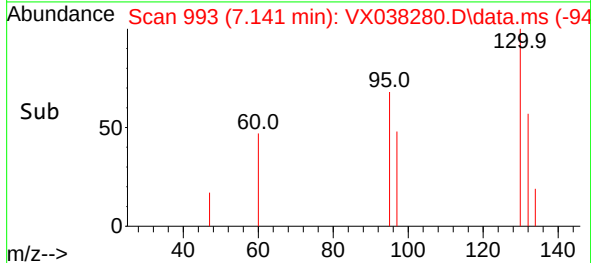
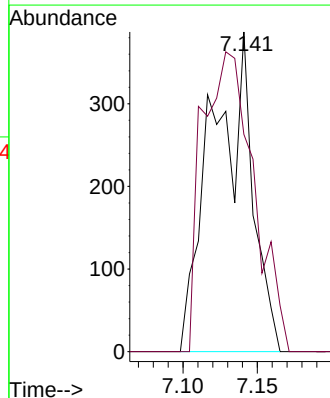
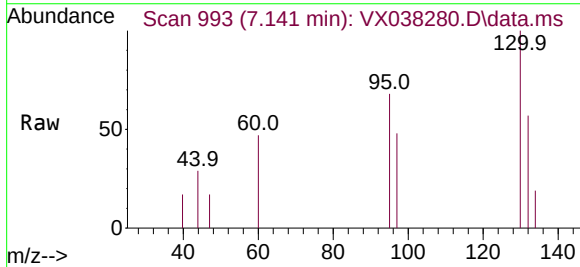
Delta R.T. 0.012 min

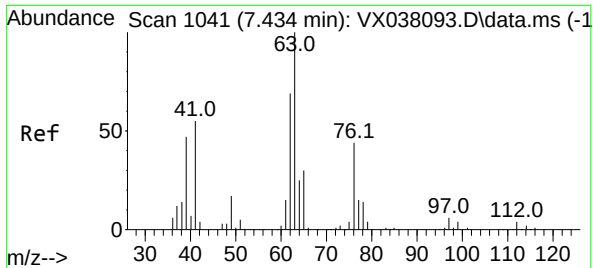
Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion:130 Resp: 734

Ion	Ratio	Lower	Upper
130	100		
95	68.0	0.0	204.4





#45

1,2-Dichloropropane

Concen: 0.405 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

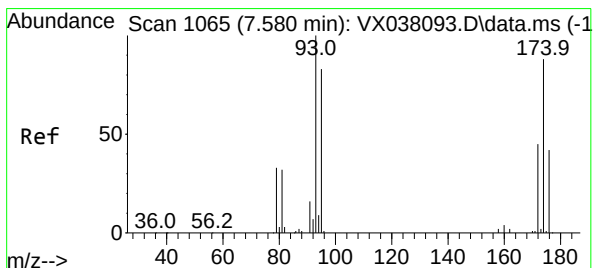
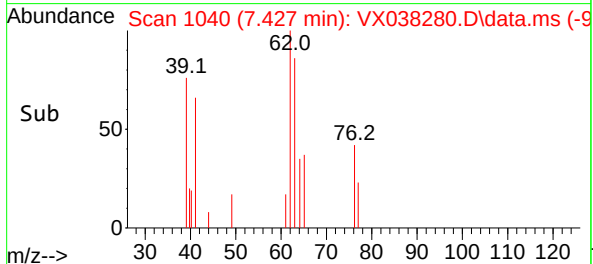
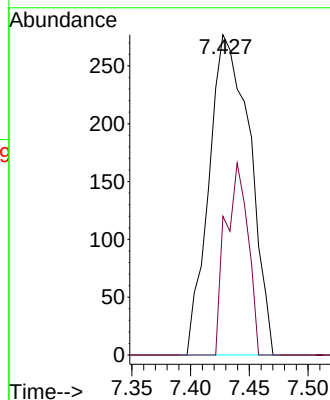
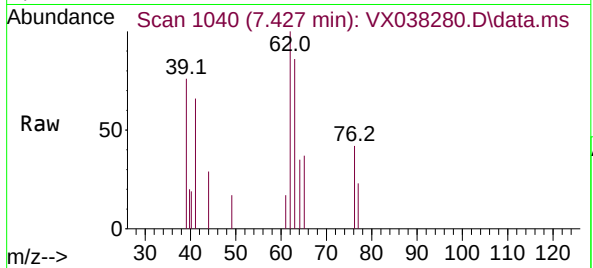
MDL-WATER-03-QT4-2023

Tgt Ion: 63 Resp: 670
 Ion Ratio Lower Upper
 63 100
 65 43.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#46

Dibromomethane

Concen: 0.387 ug/l

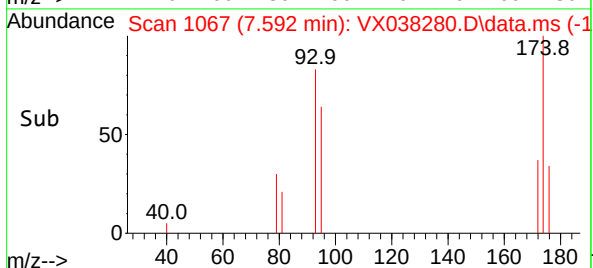
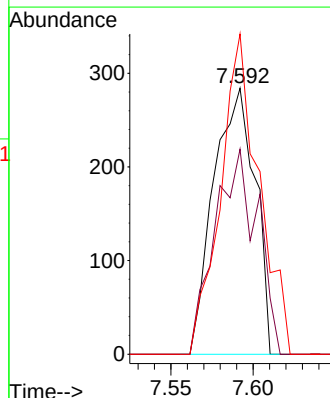
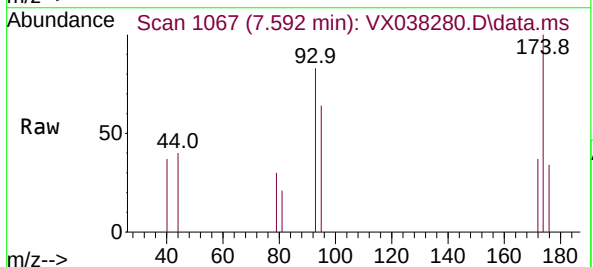
RT: 7.592 min Scan# 1067

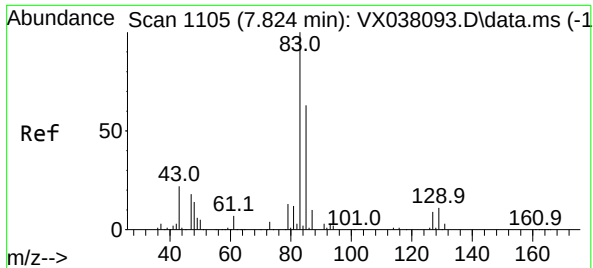
Delta R.T. 0.012 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

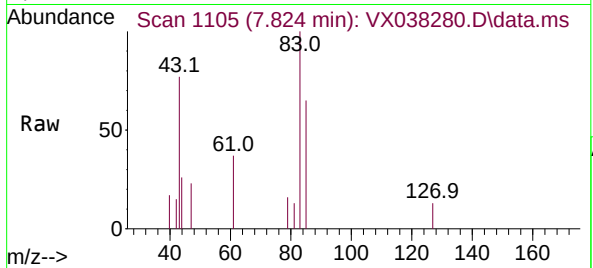
Tgt Ion: 93 Resp: 497
 Ion Ratio Lower Upper
 93 100
 95 79.5 66.6 100.0
 174 111.7 69.4 104.0





#47
Bromodichloromethane
Concen: 0.399 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

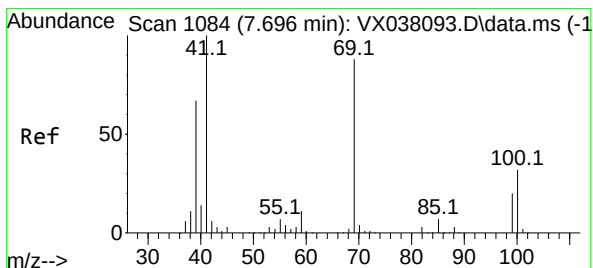
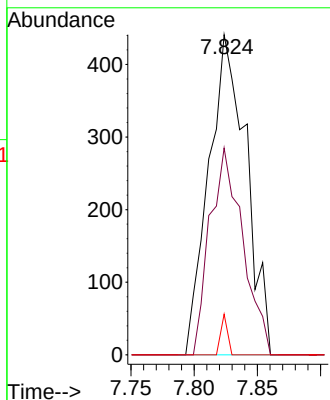
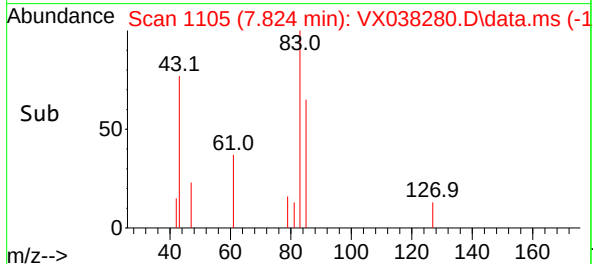
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



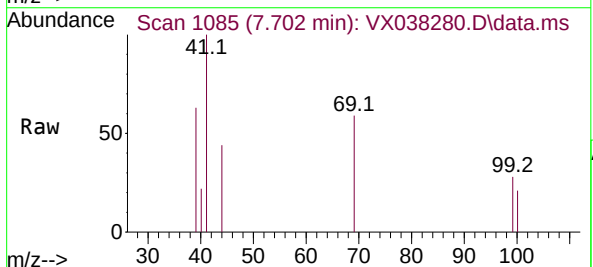
Tgt Ion: 83 Resp: 910
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 12.7 7.1 10.7

Manual Integrations
APPROVED

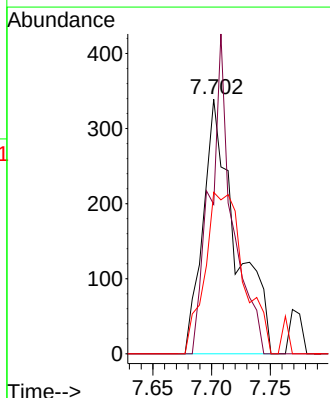
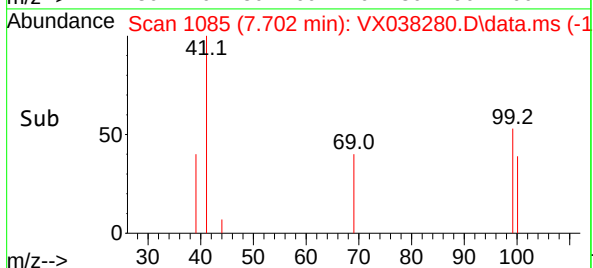
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

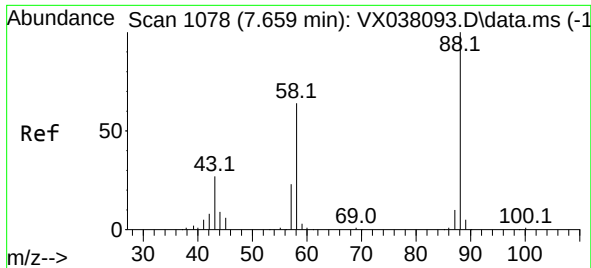


#48
Methyl methacrylate
Concen: 0.340 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



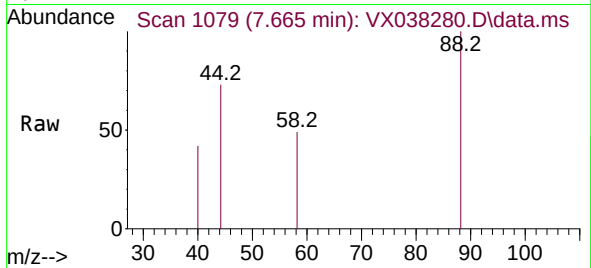
Tgt Ion: 41 Resp: 657
Ion Ratio Lower Upper
41 100
69 84.6 59.2 88.8
39 75.3 47.7 71.5





#49
1,4-Dioxane
Concen: 6.988 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

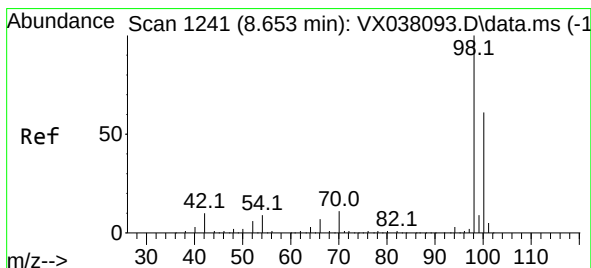
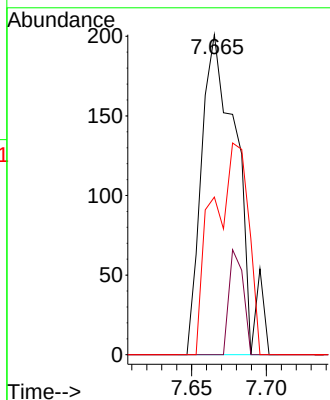
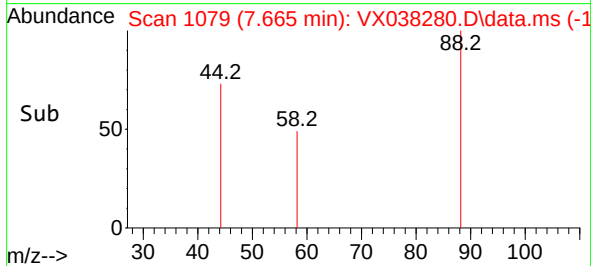
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
43 13.2 0.0 0.0
58 66.4 60.1 90.1

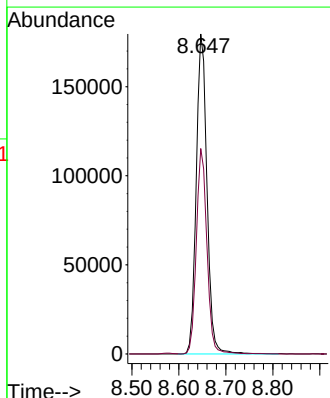
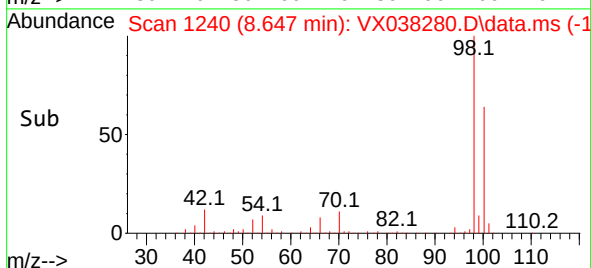
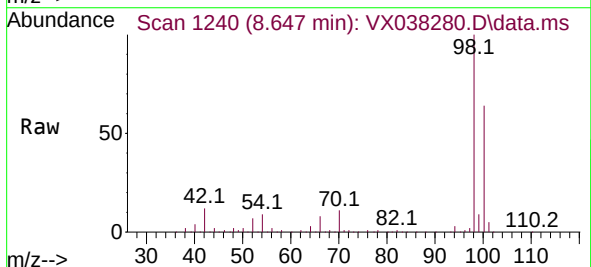
Manual Integrations
APPROVED

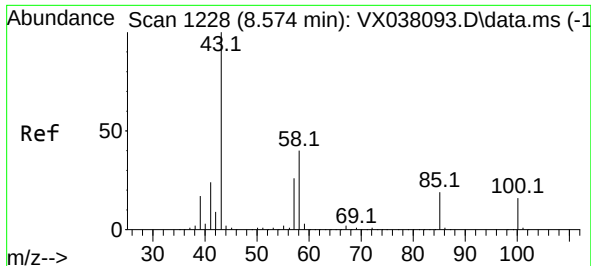
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#50
Toluene-d8
Concen: 45.135 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

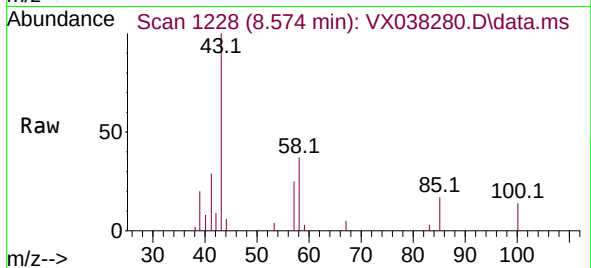
Tgt Ion: 98 Resp: 285761
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 1.853 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

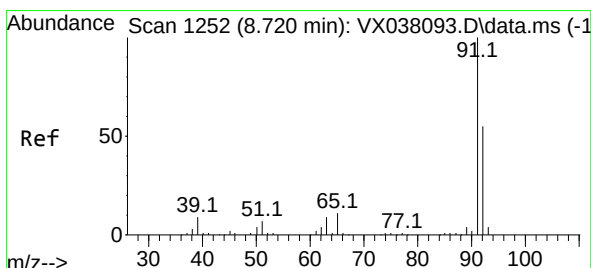
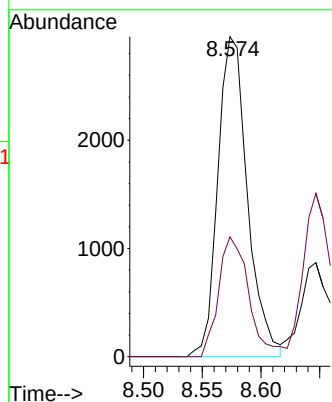
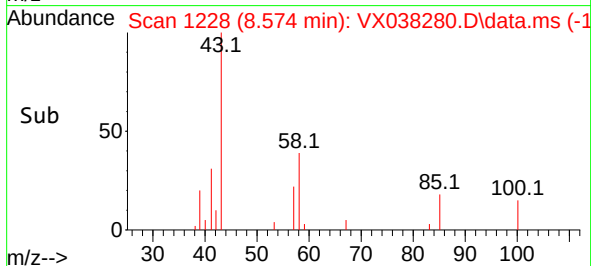
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

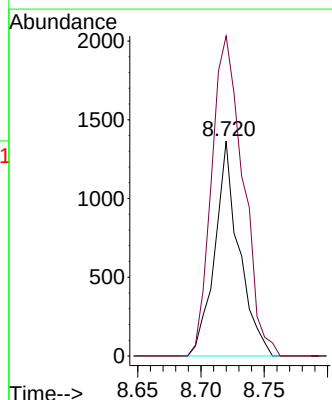
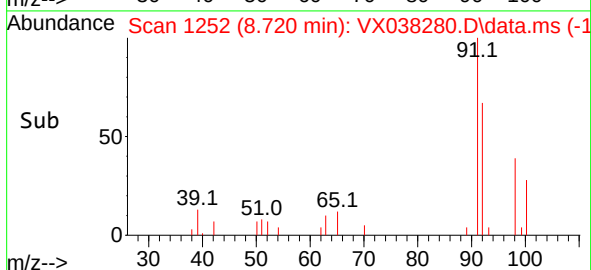
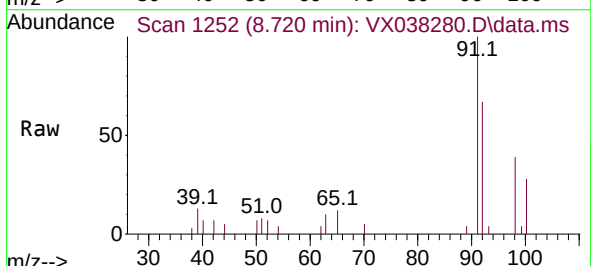
Manual Integrations
APPROVED

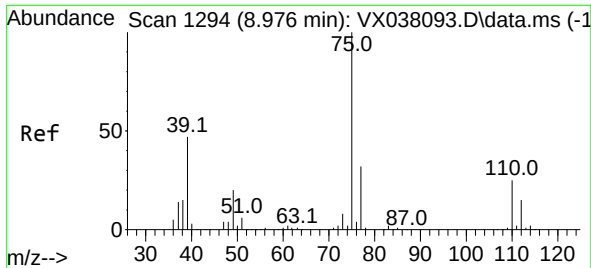
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Toluene
Concen: 0.436 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

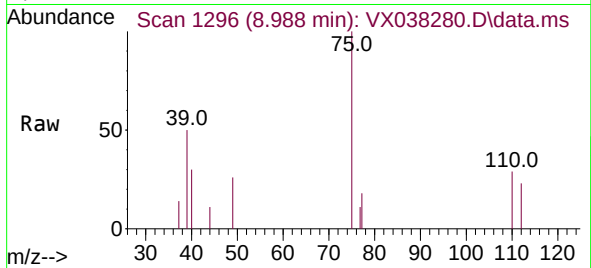
Tgt Ion: 92 Resp: 1817
Ion Ratio Lower Upper
92 100
91 193.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 0.296 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

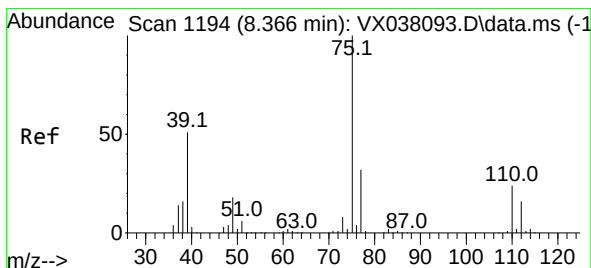
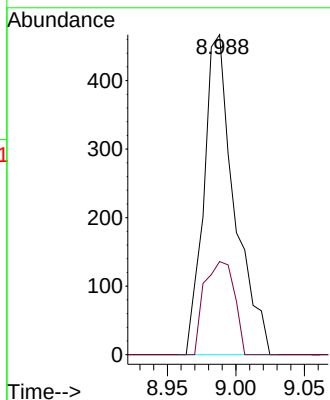
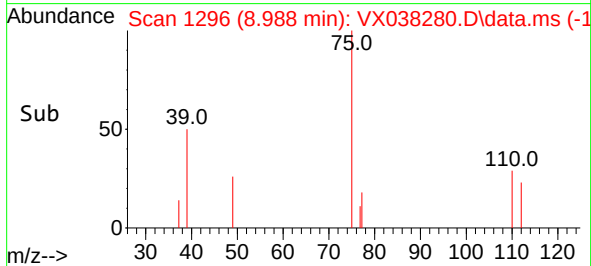
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



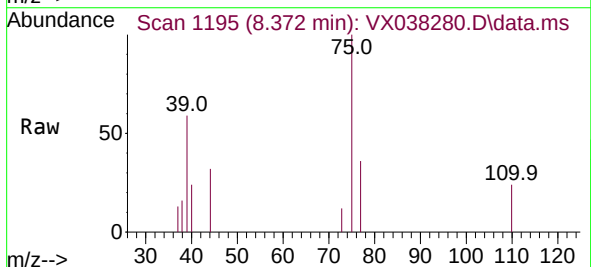
Tgt Ion: 75 Resp: 724
Ion Ratio Lower Upper
75 100
77 29.1 25.7 38.5

Manual Integrations
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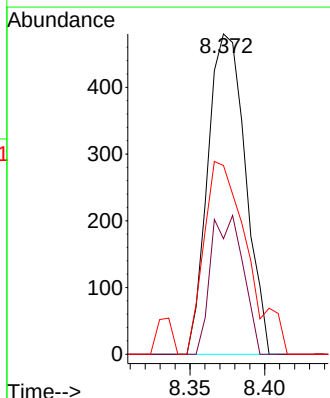
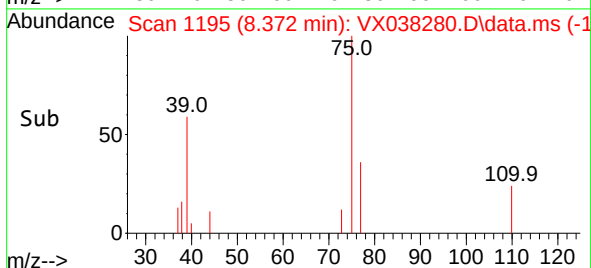
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

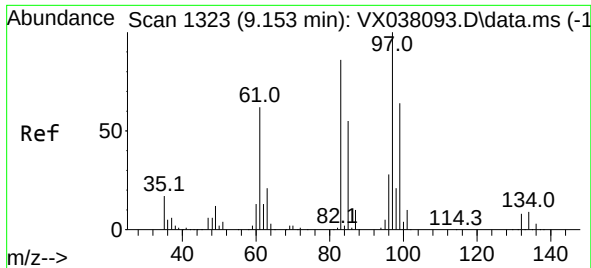


#54
cis-1,3-Dichloropropene
Concen: 0.327 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



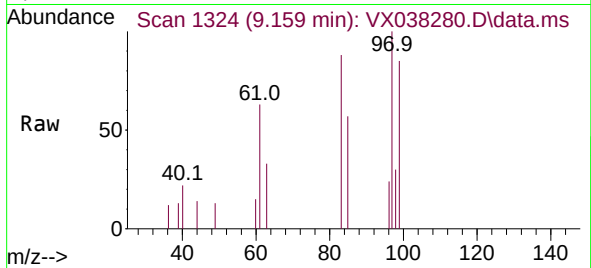
Tgt Ion: 75 Resp: 841
Ion Ratio Lower Upper
75 100
77 36.0 25.3 37.9
39 59.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.405 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

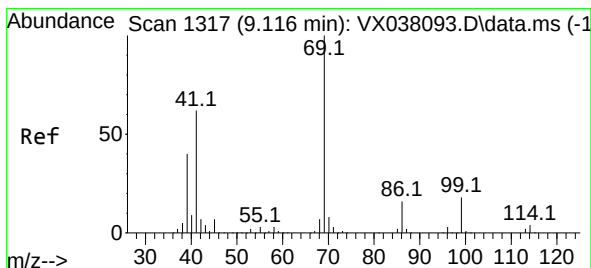
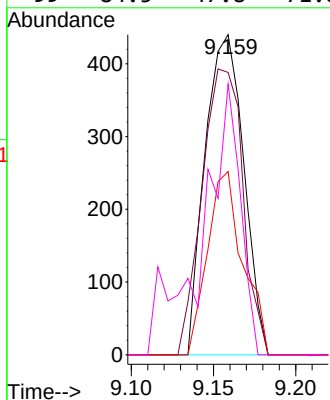
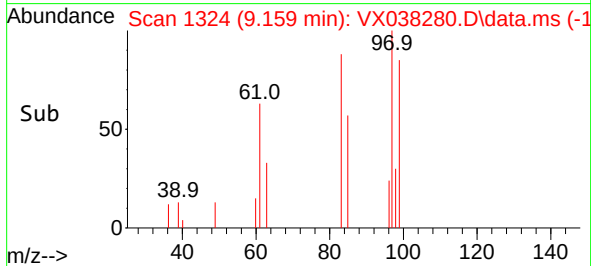
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.8
85	57.3	41.6	62.4
99	84.5	47.8	71.8

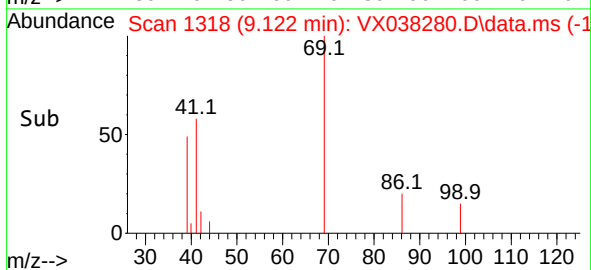
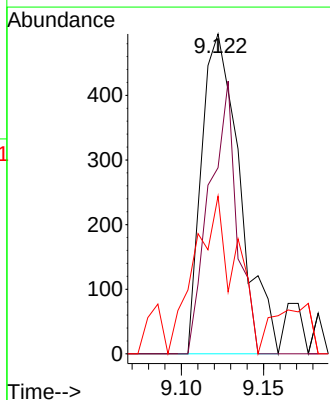
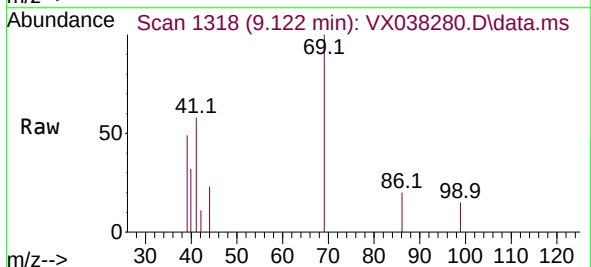
Manual Integrations
APPROVED

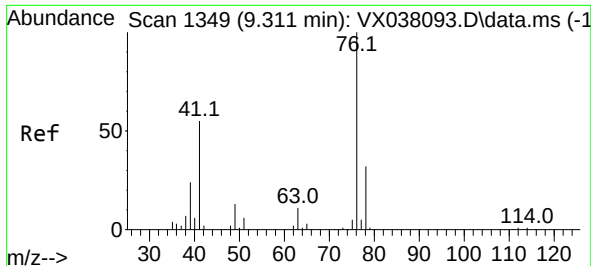
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#56
Ethyl methacrylate
Concen: 0.296 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.8	56.8	85.2
39	52.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.444 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 1278

Ion Ratio Lower Upper

76 100

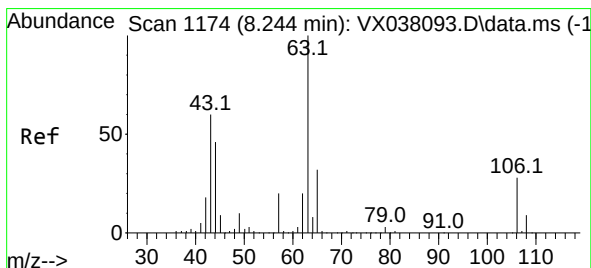
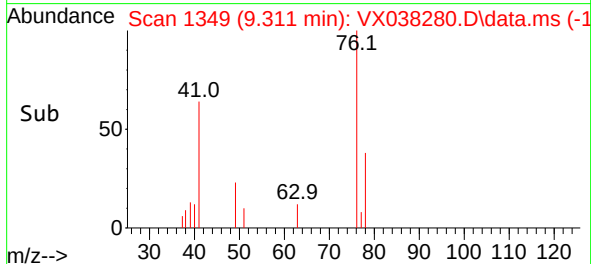
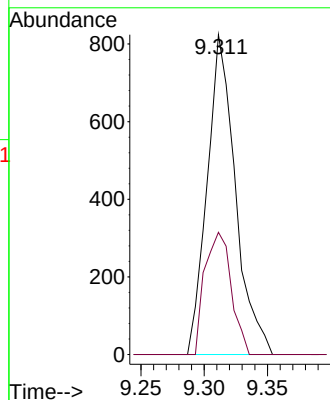
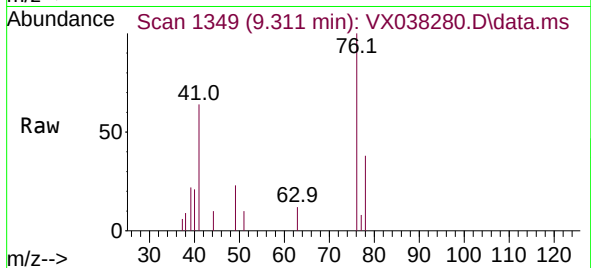
78 35.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 1.756 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX038280.D

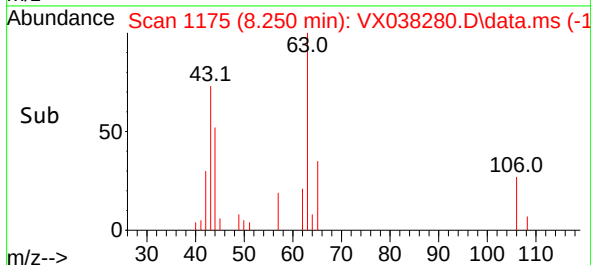
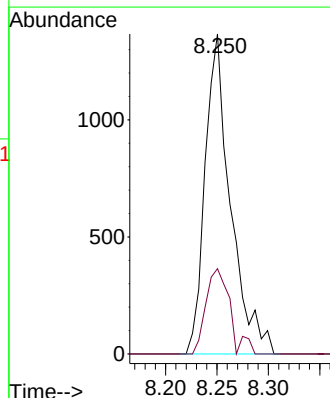
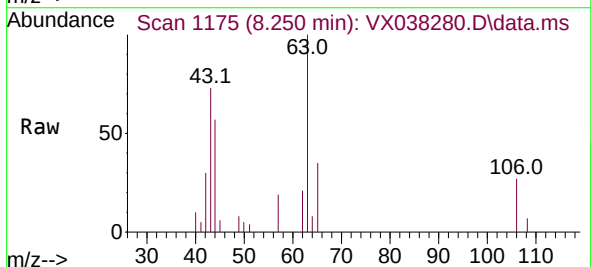
Acq: 13 Oct 2023 13:01

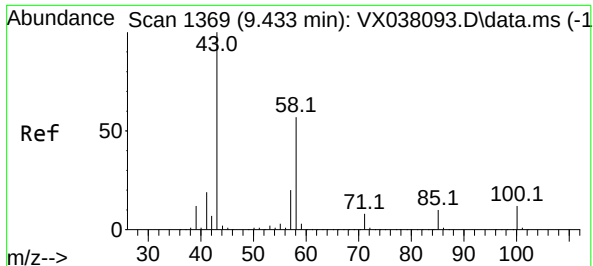
Tgt Ion: 63 Resp: 2353

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7





#59

2-Hexanone

Concen: 1.750 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 393

Ion Ratio Lower Upper

43 100

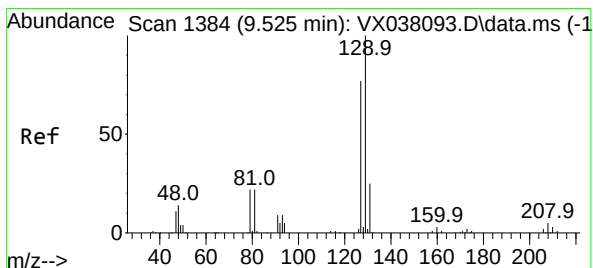
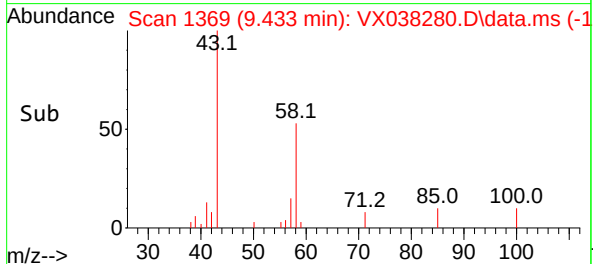
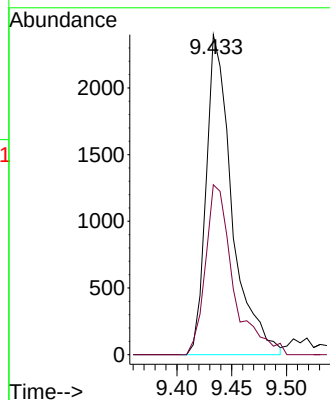
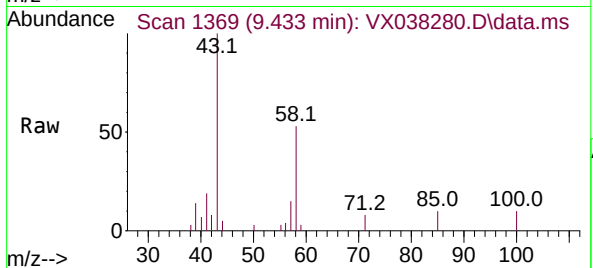
58 57.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#60

Dibromochloromethane

Concen: 0.297 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX038280.D

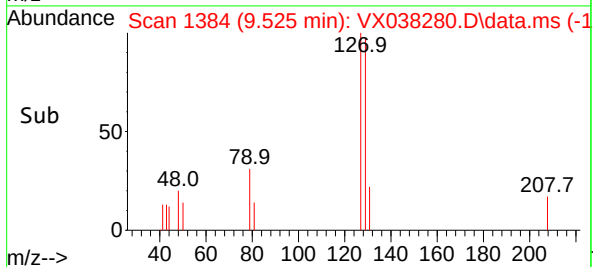
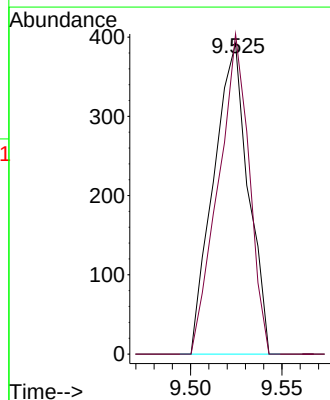
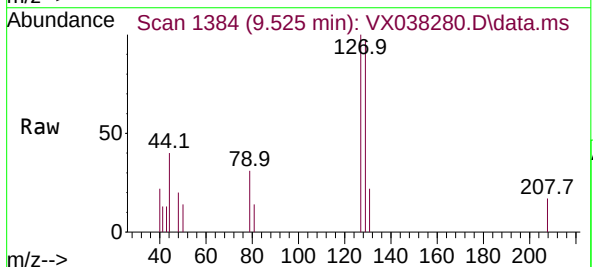
Acq: 13 Oct 2023 13:01

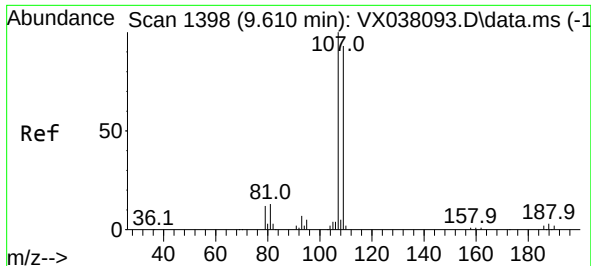
Tgt Ion:129 Resp: 518

Ion Ratio Lower Upper

129 100

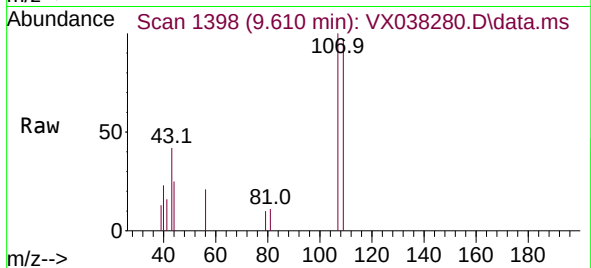
127 91.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.371 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

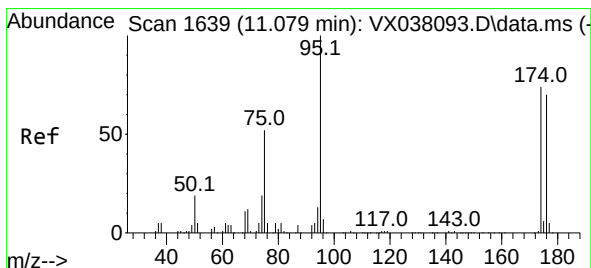
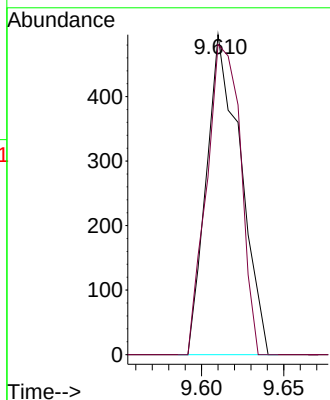
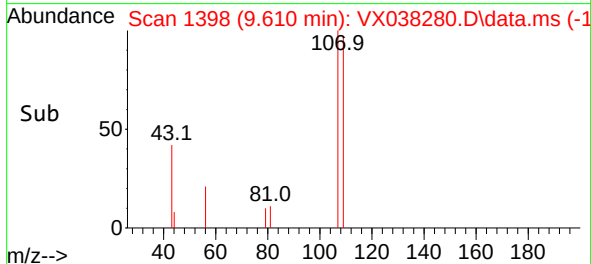
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



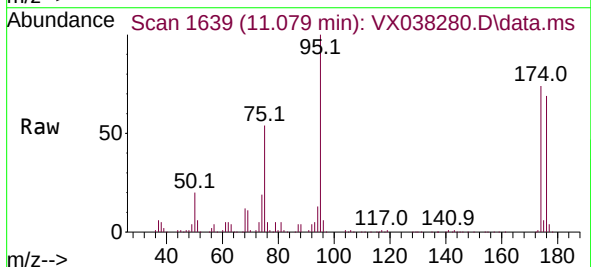
Tgt Ion:107 Resp: 714
Ion Ratio Lower Upper
107 100
109 96.5 75.2 112.8

Manual Integrations
APPROVED

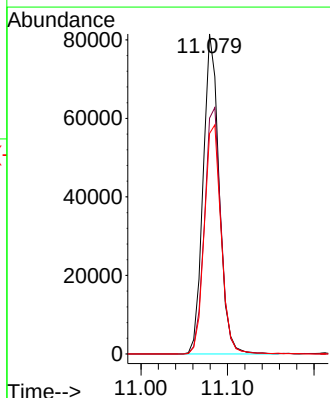
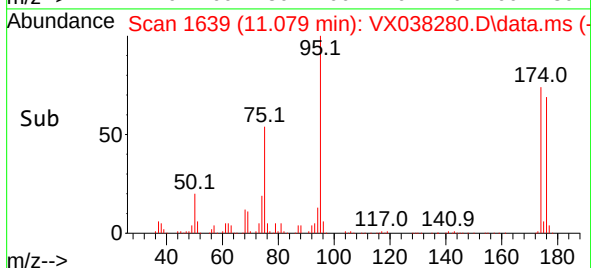
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

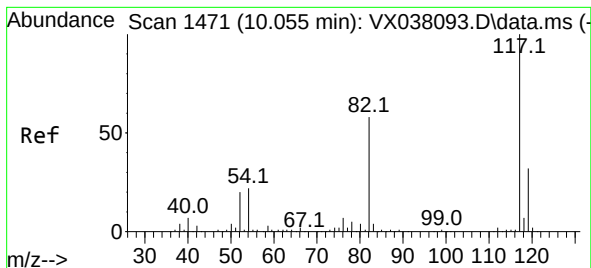


#62
4-Bromofluorobenzene
Concen: 43.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



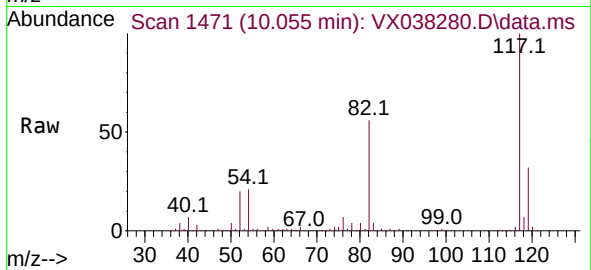
Tgt Ion: 95 Resp: 104355
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 75.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

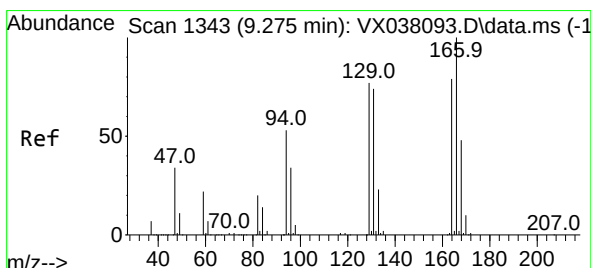
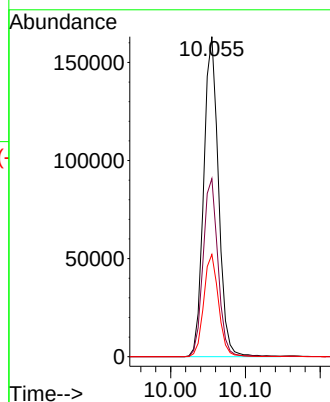
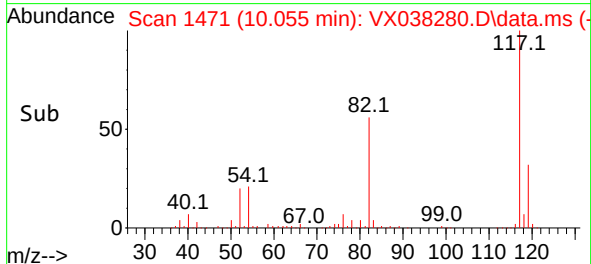
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:117 Resp: 224012
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.0 25.5 38.3

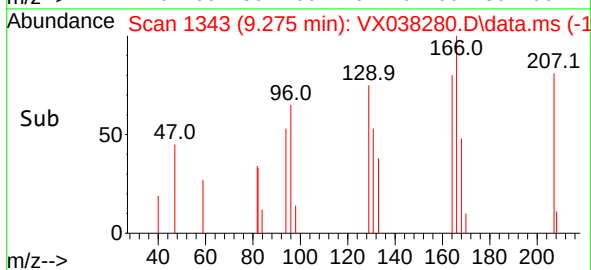
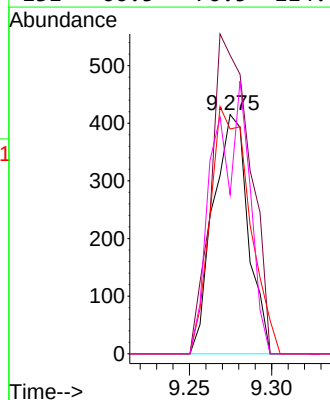
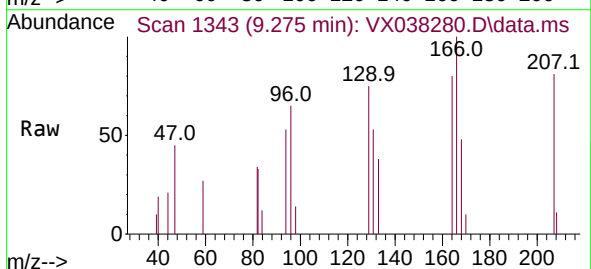
Manual Integrations
APPROVED

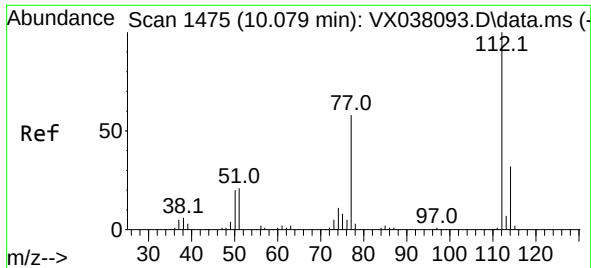
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
Tetrachloroethene
Concen: 0.422 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:164 Resp: 612
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 94.0 80.4 120.6
131 66.5 76.5 114.7#





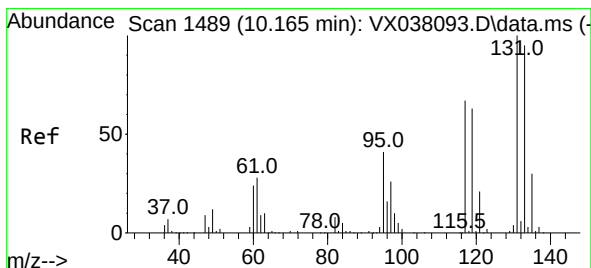
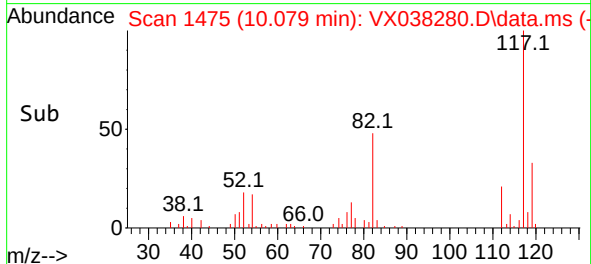
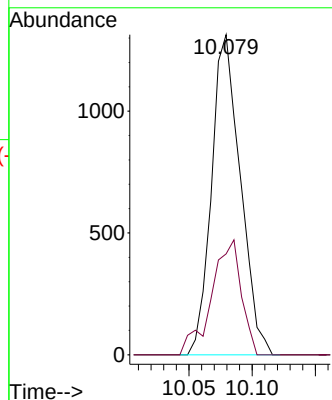
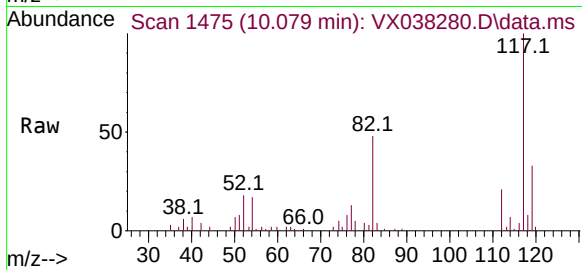
#65
Chlorobenzene
Concen: 0.444 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:112 Resp: 208
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

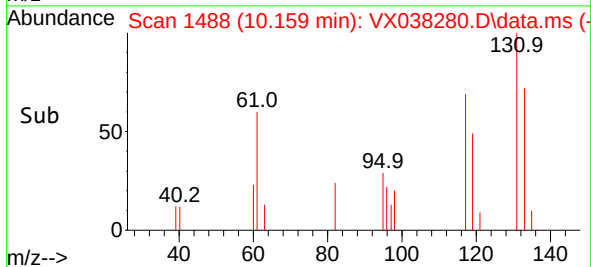
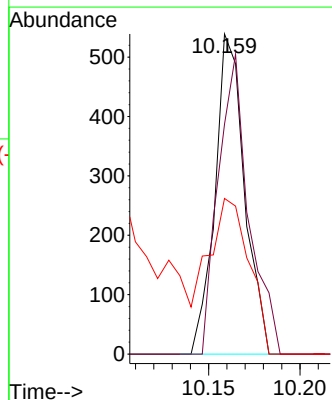
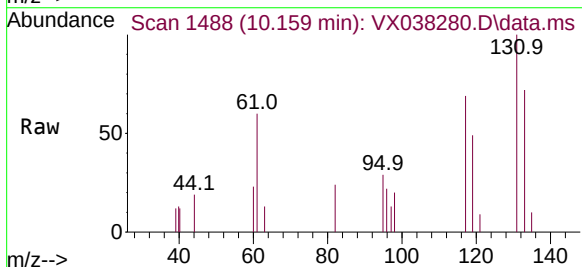
Manual Integrations
APPROVED

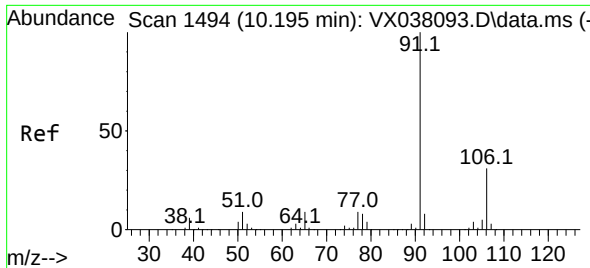
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.382 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:131 Resp: 606
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 0.0 32.2 96.6#





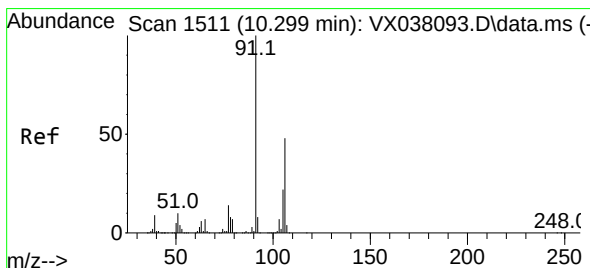
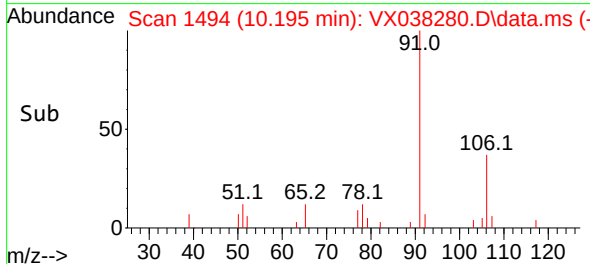
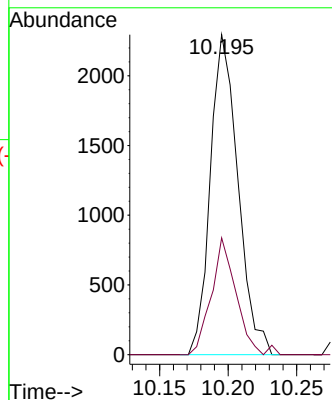
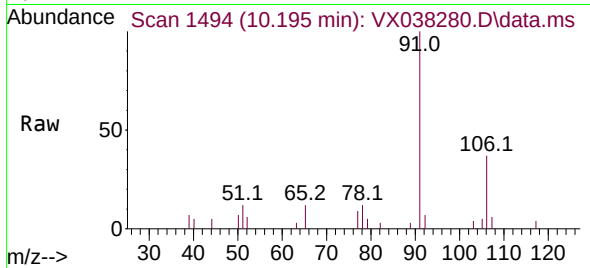
#67
Ethyl Benzene
Concen: 0.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 3218
Ion Ratio Lower Upper
91 100
106 36.5 24.9 37.3

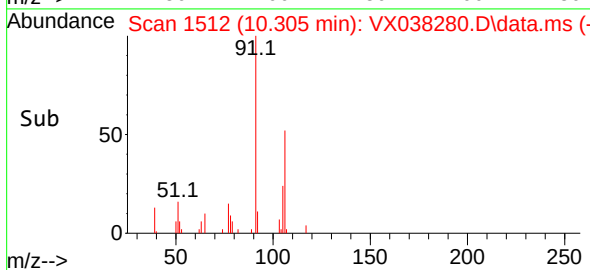
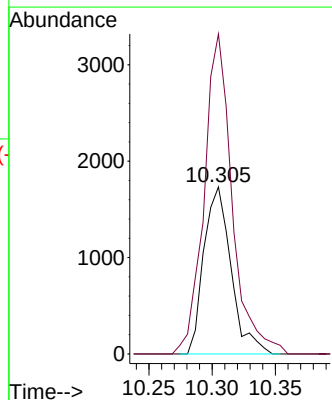
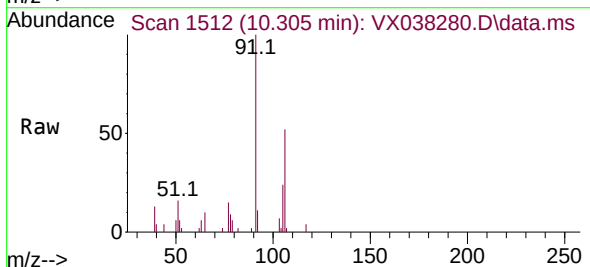
Manual Integrations
APPROVED

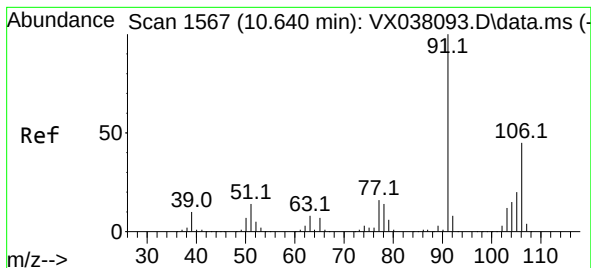
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#68
m/p-Xylenes
Concen: 0.801 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:106 Resp: 2593
Ion Ratio Lower Upper
106 100
91 198.0 165.5 248.3





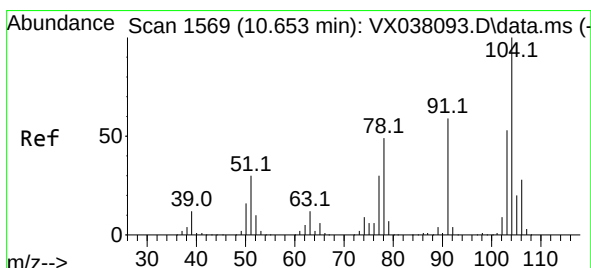
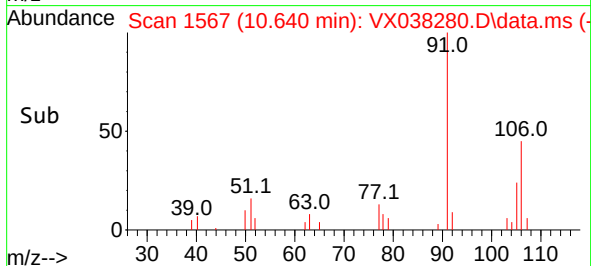
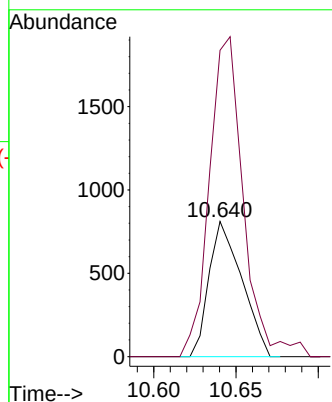
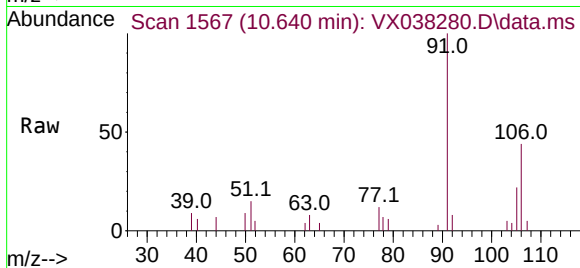
#69
o-Xylene
Concen: 0.357 ug/l
RT: 10.640 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:106 Resp: 1128
Ion Ratio Lower Upper
106 100
91 244.6 108.9 326.8

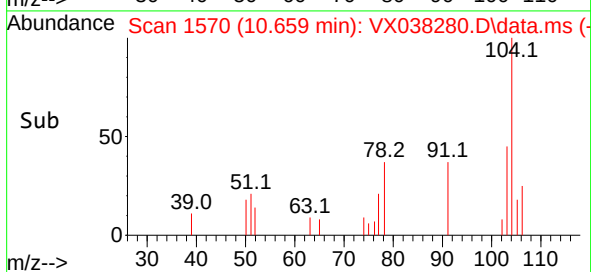
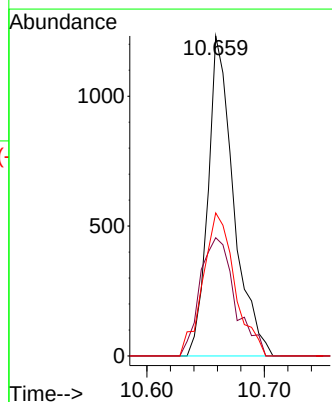
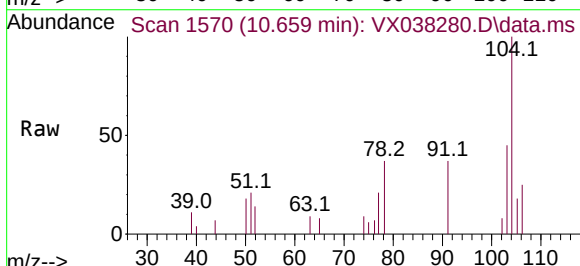
Manual Integrations
APPROVED

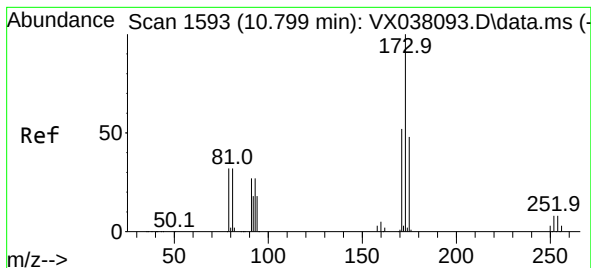
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#70
Styrene
Concen: 0.363 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:104 Resp: 1865
Ion Ratio Lower Upper
104 100
78 50.4 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 0.295 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

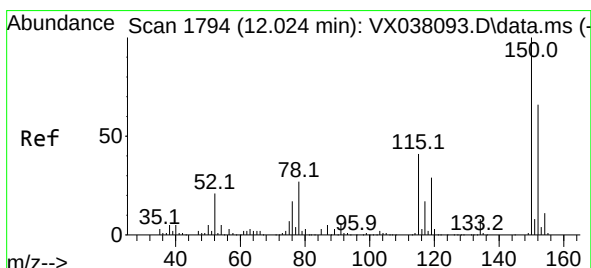
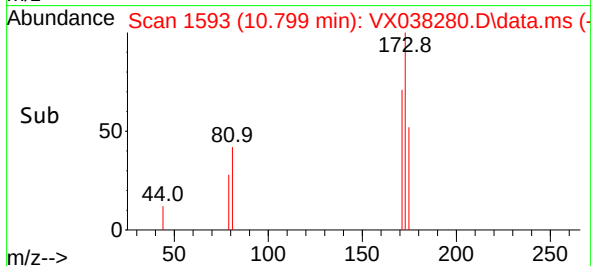
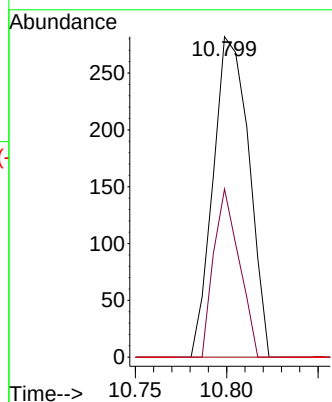
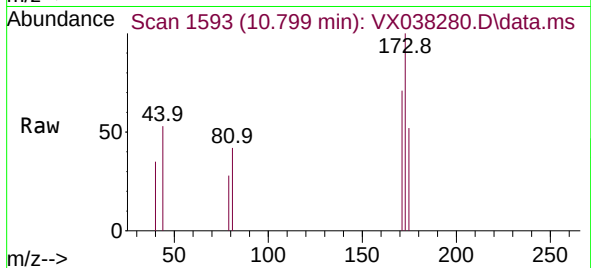
MDL-WATER-03-QT4-2023

Tgt Ion:173	Resp:	385
Ion Ratio	Lower	Upper
173	100	
175	37.1	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

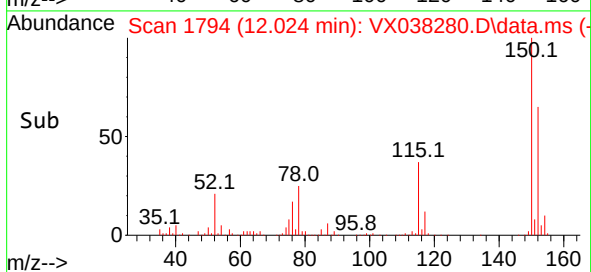
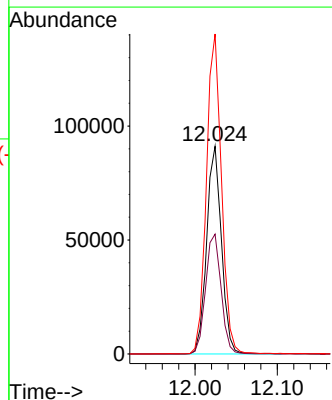
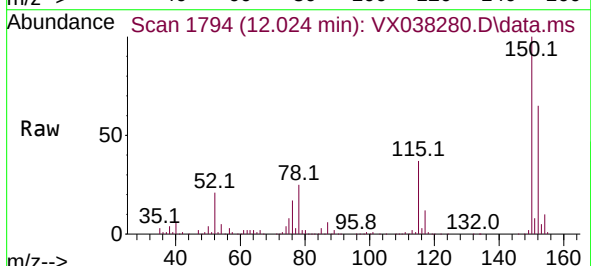
RT: 12.024 min Scan# 1794

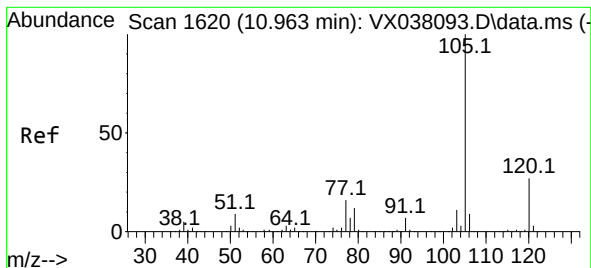
Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion:152	Resp:	114207
Ion Ratio	Lower	Upper
152	100	
115	60.4	43.3 129.9
150	156.3	0.0 345.0





#73

Isopropylbenzene

Concen: 0.397 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

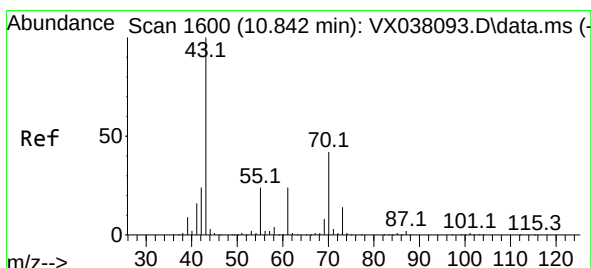
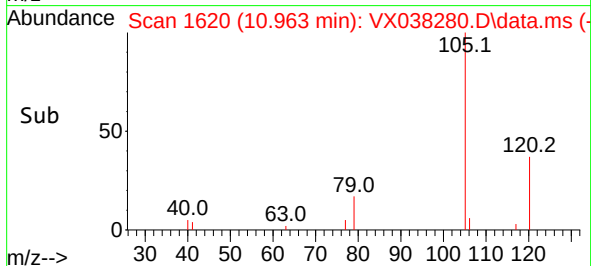
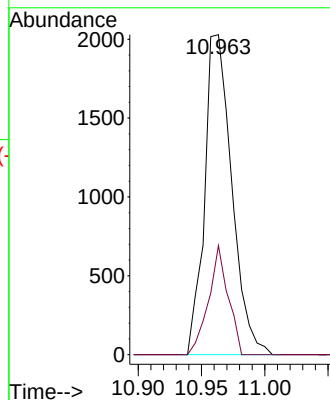
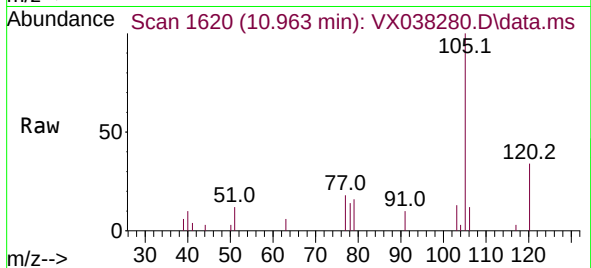
MDL-WATER-03-QT4-2023

Tgt Ion:	105	Resp:	3039
Ion Ratio	Lower	Upper	
105	100		
120	24.4	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#74

N-ethyl acetate

Concen: 0.247 ug/l

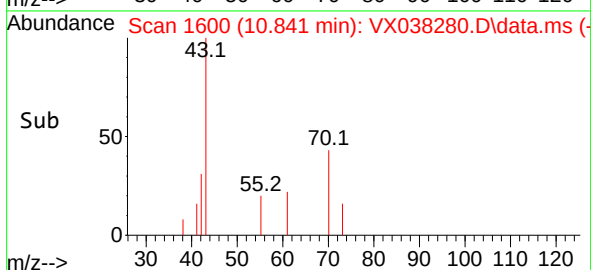
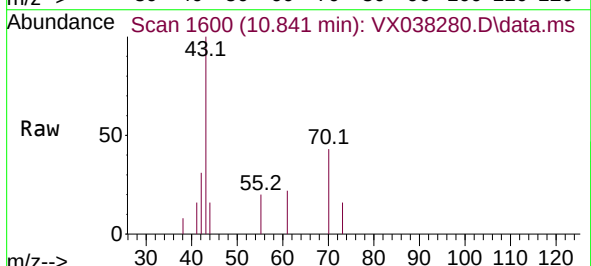
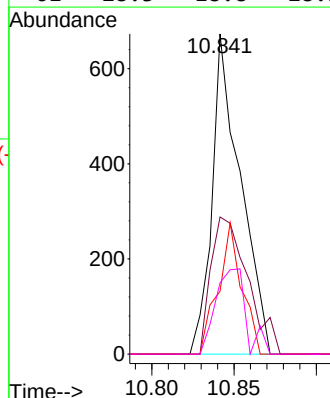
RT: 10.841 min Scan# 1600

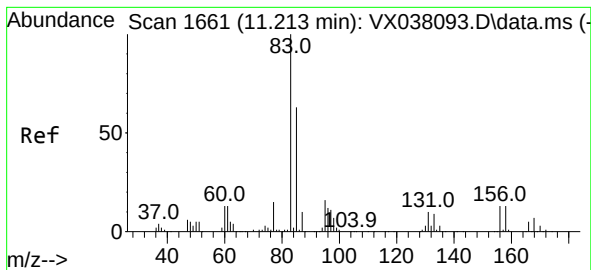
Delta R.T. -0.001 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion:	43	Resp:	808
Ion Ratio	Lower	Upper	
43	100		
70	55.3	32.9	49.3#
55	34.0	19.3	28.9#
61	28.3	18.8	28.2#





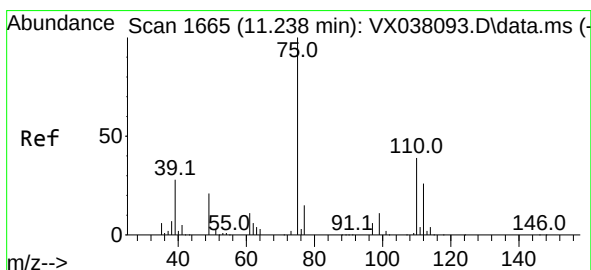
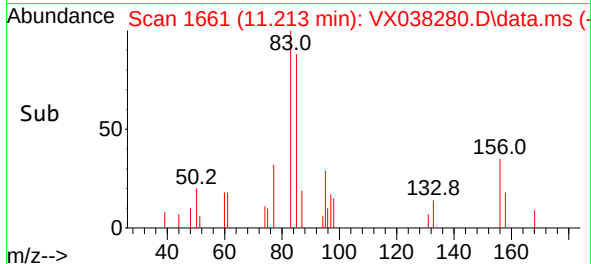
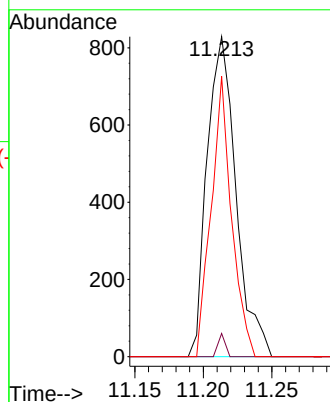
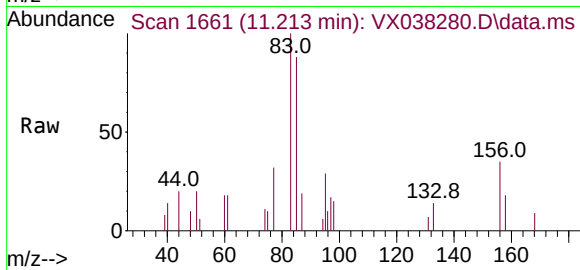
#75
1,1,2,2-Tetrachloroethane
Concen: 0.433 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion: 83 Resp: 1210
Ion Ratio Lower Upper
83 100
131 1.8 5.3 15.8
85 61.8 32.0 96.2

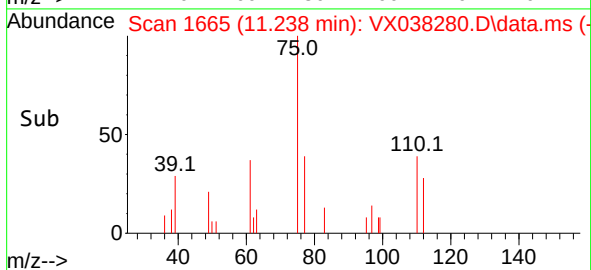
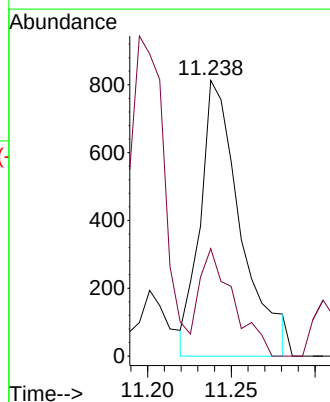
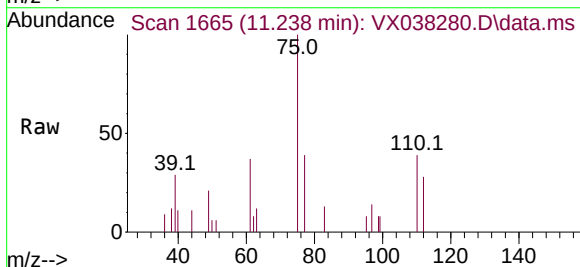
Manual Integrations
APPROVED

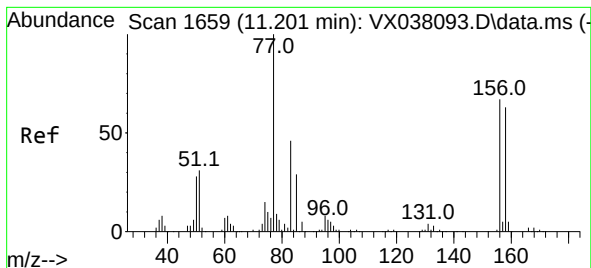
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#76
1,2,3-Trichloropropane
Concen: 0.524 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 1361
Ion Ratio Lower Upper
75 100
77 47.8 19.1 57.5





#77

Bromobenzene

Concen: 0.485 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

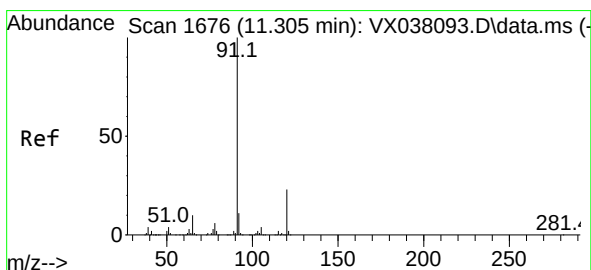
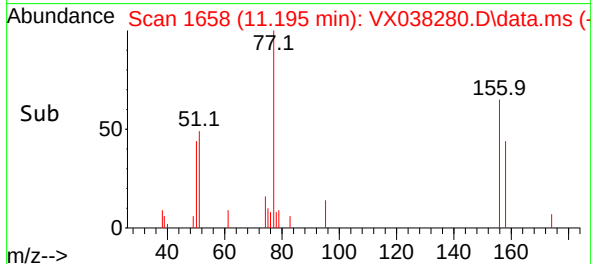
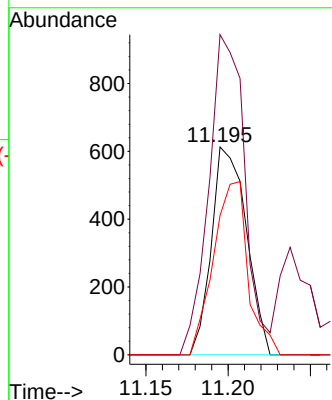
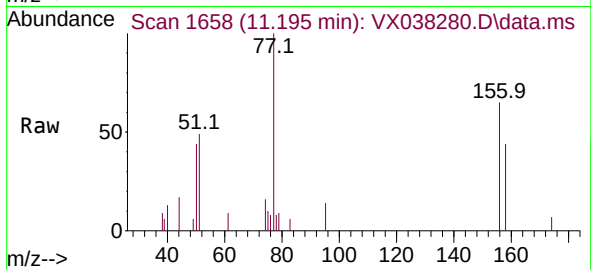
MDL-WATER-03-QT4-2023

Tgt Ion:	156	Resp:	900
Ion Ratio	Lower	Upper	
156	100		
77	158.6	88.4	265.3
158	82.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#78

n-propylbenzene

Concen: 0.416 ug/l

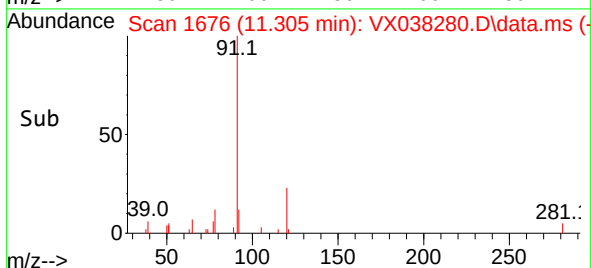
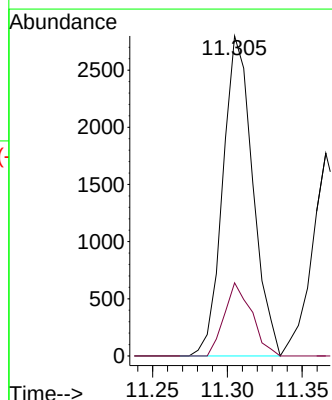
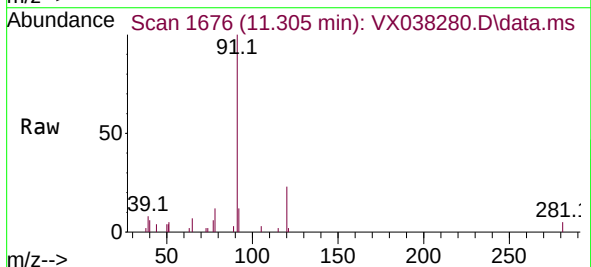
RT: 11.305 min Scan# 1676

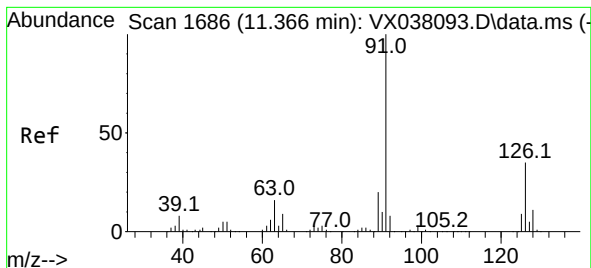
Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion:	91	Resp:	3899
Ion Ratio	Lower	Upper	
91	100		
120	20.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 0.462 ug/l

RT: 11.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 2564

Ion Ratio Lower Upper

91 100

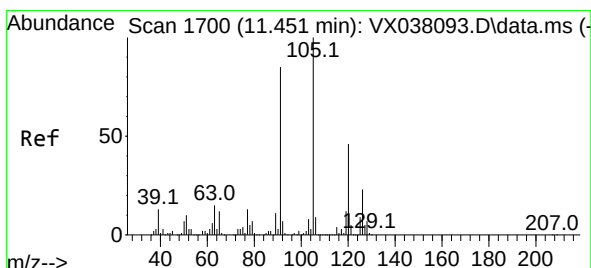
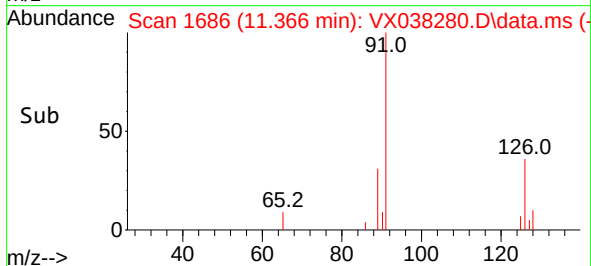
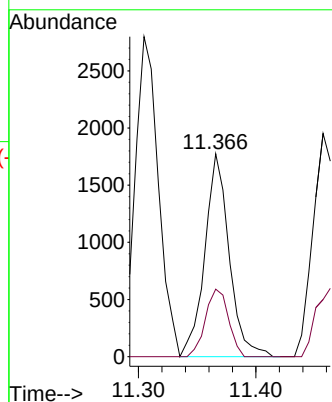
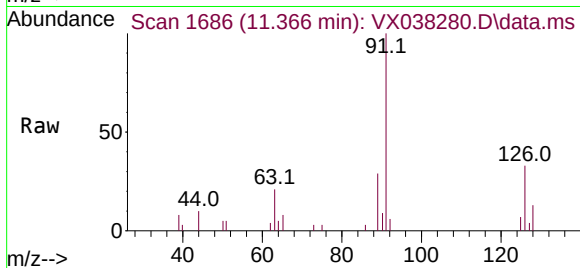
126 31.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#80

1,3,5-Trimethylbenzene

Concen: 0.379 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038280.D

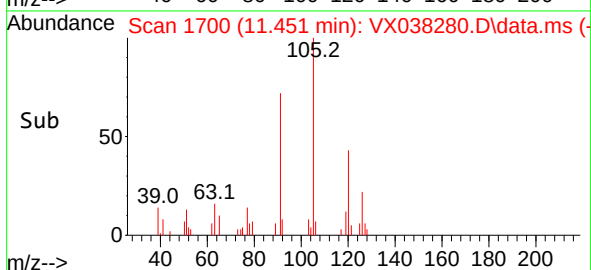
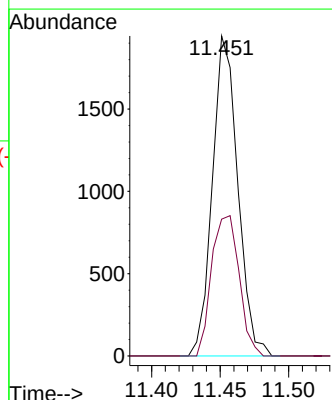
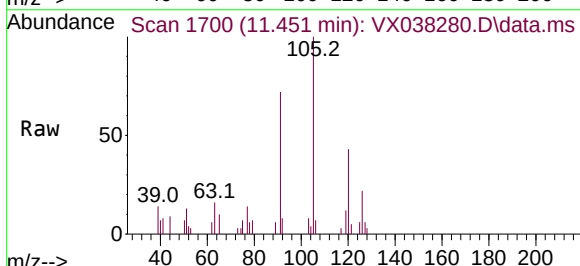
Acq: 13 Oct 2023 13:01

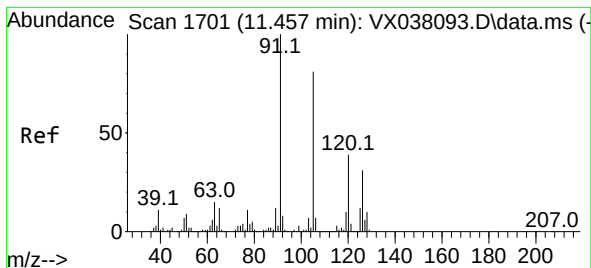
Tgt Ion:105 Resp: 2504

Ion Ratio Lower Upper

105 100

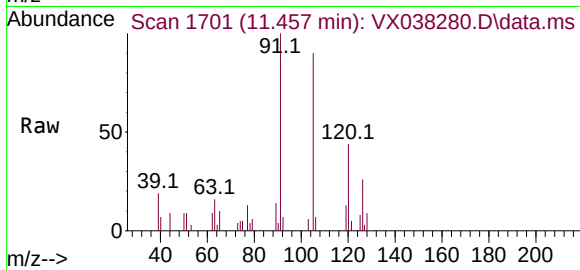
120 47.6 24.1 72.3





#82
4-Chlorotoluene
Concen: 0.438 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

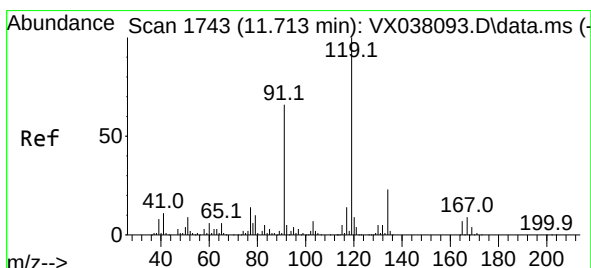
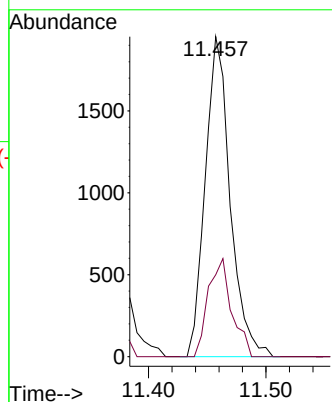
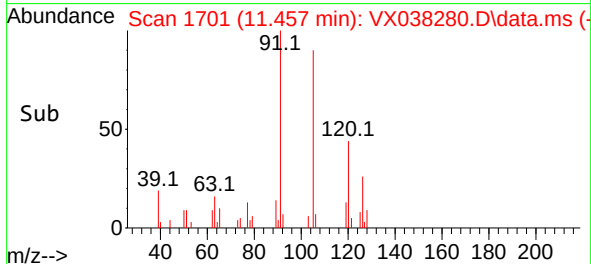
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



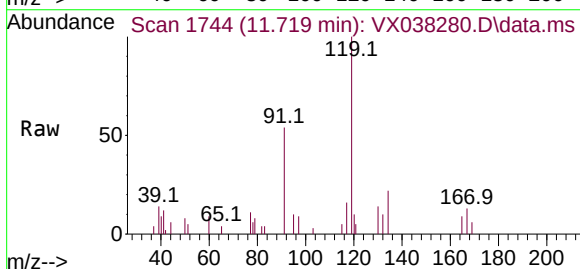
Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6

Manual Integrations
APPROVED

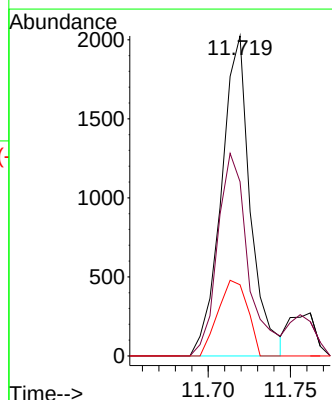
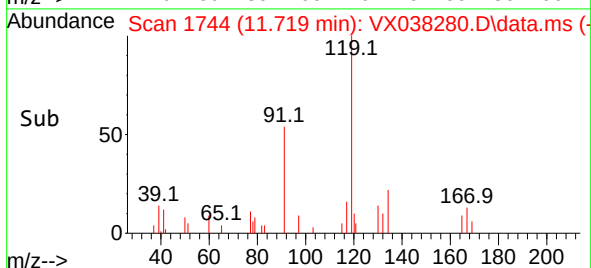
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

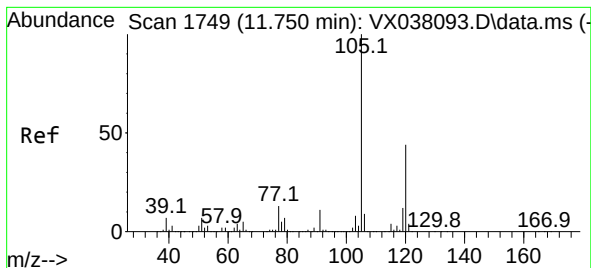


#83
tert-Butylbenzene
Concen: 0.385 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



Tgt Ion:119 Resp: 2487
Ion Ratio Lower Upper
119 100
91 66.7 31.2 93.6
134 24.1 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.355 ug/l

RT: 11.756 min Scan# 11750

Delta R.T. 0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 2340

Ion Ratio Lower Upper

105 100

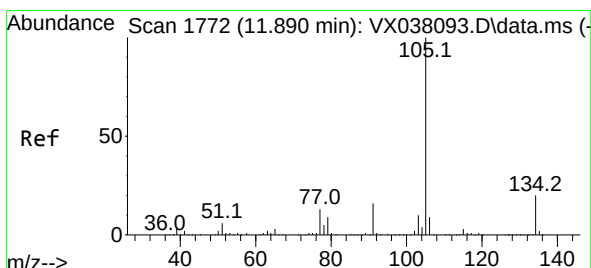
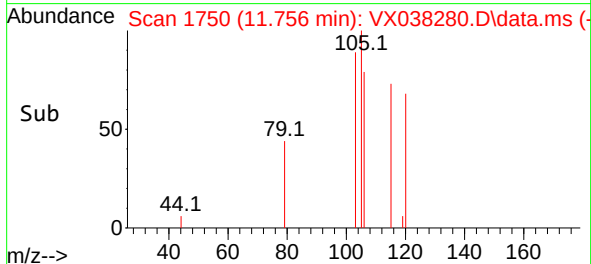
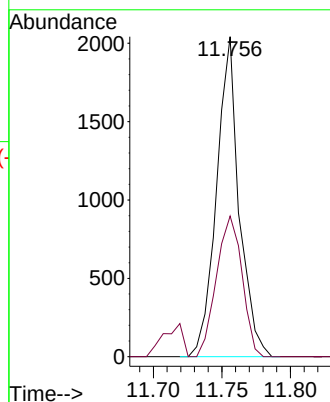
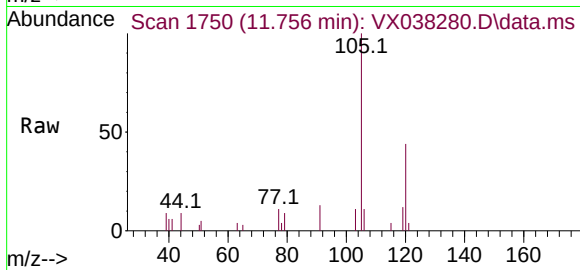
120 49.7 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#85

sec-Butylbenzene

Concen: 0.377 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038280.D

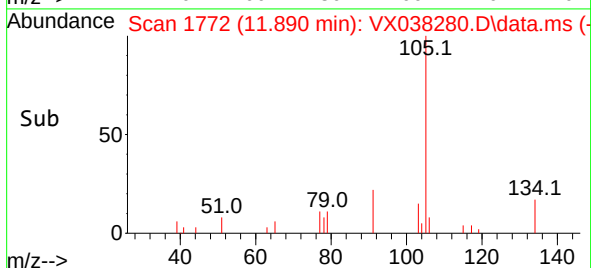
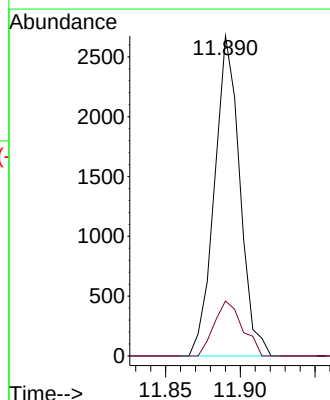
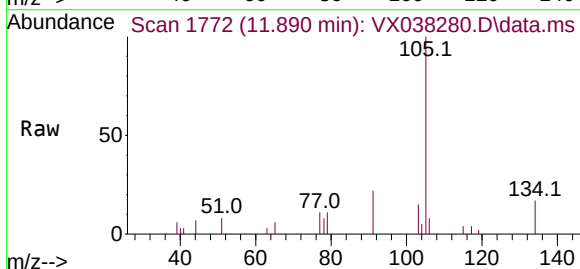
Acq: 13 Oct 2023 13:01

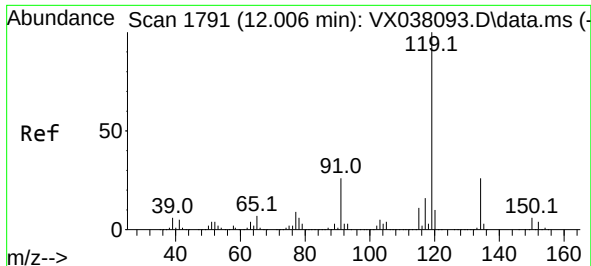
Tgt Ion:105 Resp: 3156

Ion Ratio Lower Upper

105 100

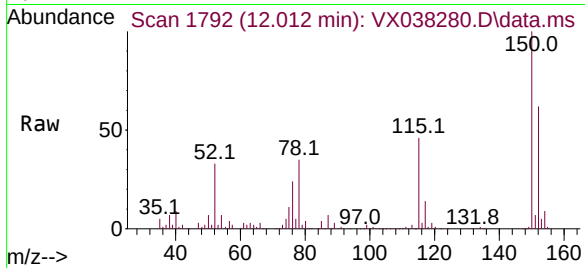
134 19.1 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.366 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

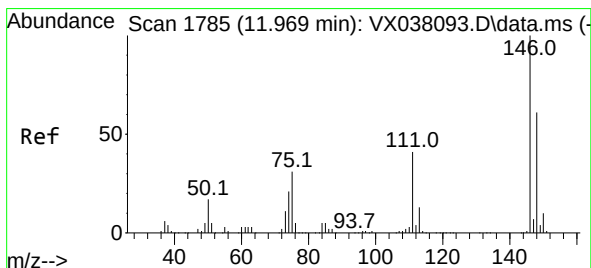
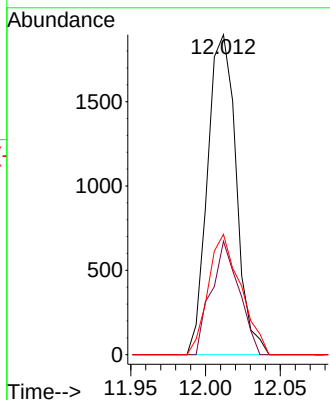
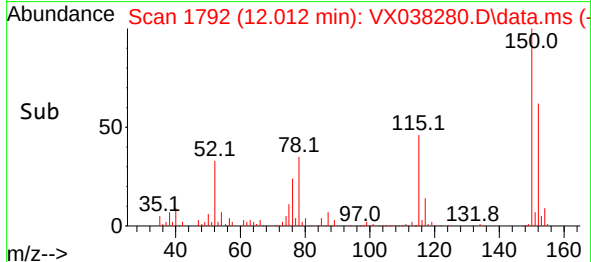
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



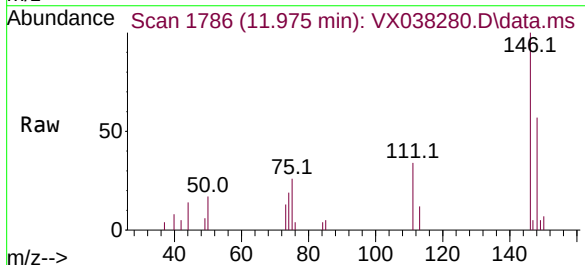
Tgt Ion:119 Resp: 2520
Ion Ratio Lower Upper
119 100
134 34.3 12.8 38.3
91 42.8 13.1 39.3

Manual Integrations
APPROVED

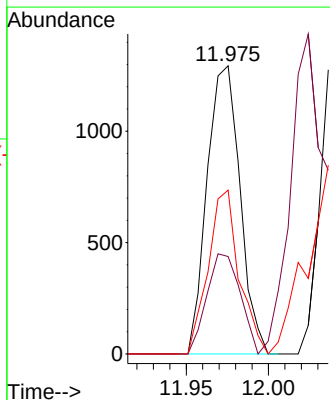
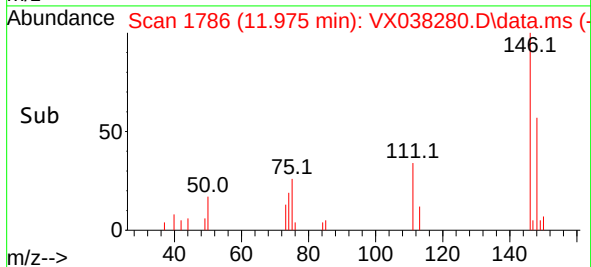
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

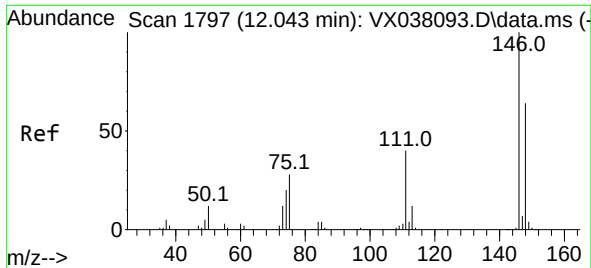


#87
1,3-Dichlorobenzene
Concen: 0.481 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



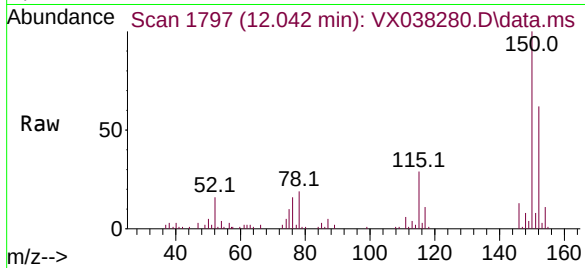
Tgt Ion:146 Resp: 1806
Ion Ratio Lower Upper
146 100
111 35.2 22.1 66.1
148 53.4 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.483 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

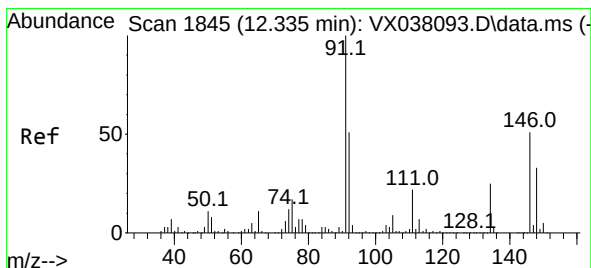
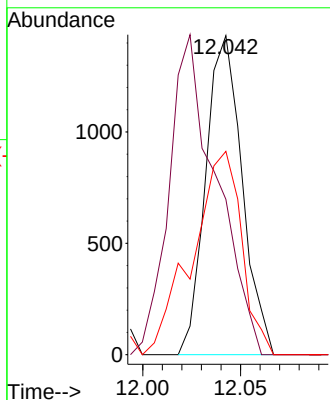
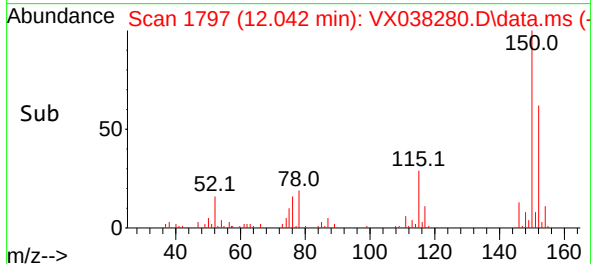
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



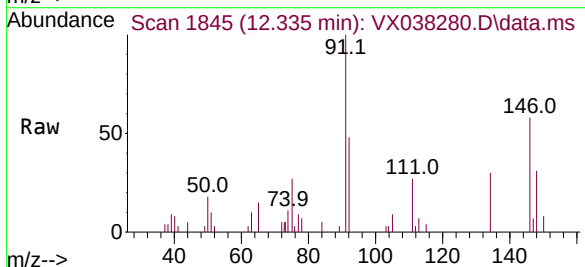
Tgt Ion:146 Resp: 1852
Ion Ratio Lower Upper
146 100
111 34.3 21.3 63.7
148 52.1 31.8 95.4

Manual Integrations
APPROVED

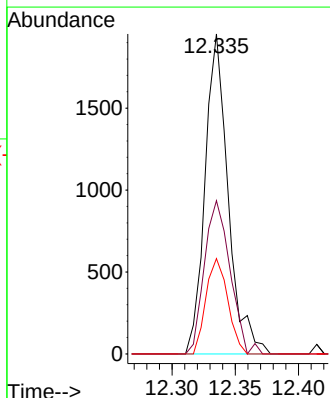
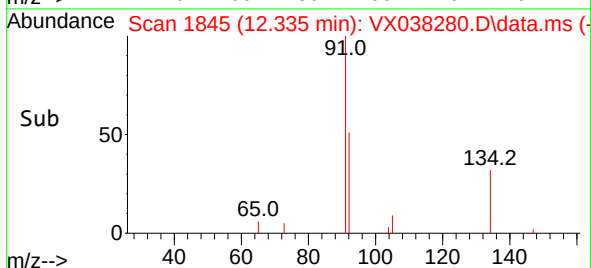
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

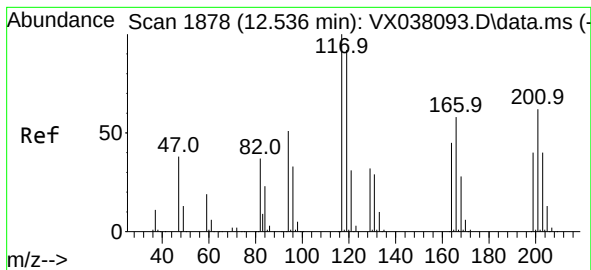


#89
n-Butylbenzene
Concen: 0.361 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



Tgt Ion: 91 Resp: 2481
Ion Ratio Lower Upper
91 100
92 53.2 27.4 82.0
134 28.1 12.6 37.8





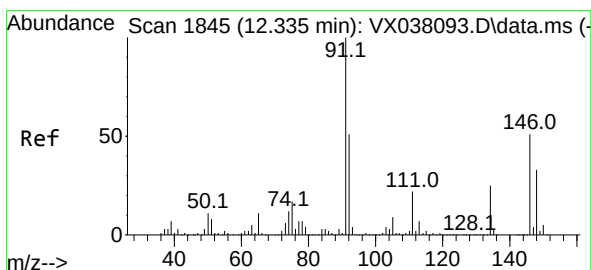
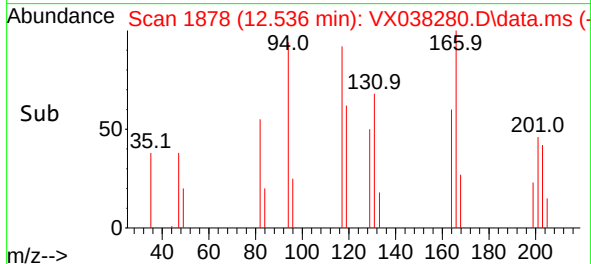
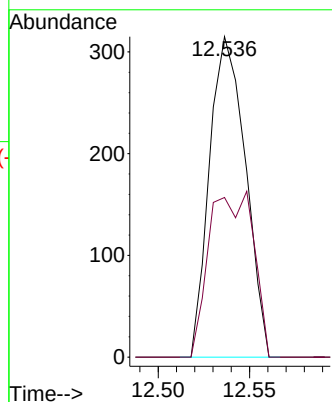
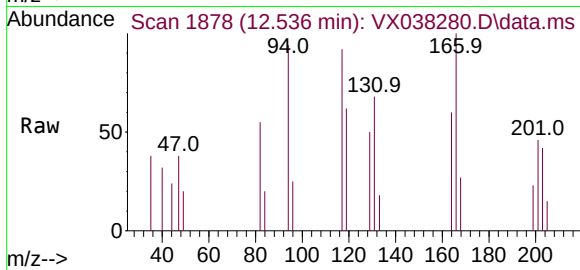
#90
Hexachloroethane
Concen: 0.377 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:117 Resp: 431
Ion Ratio Lower Upper
117 100
201 63.8 32.9 98.6

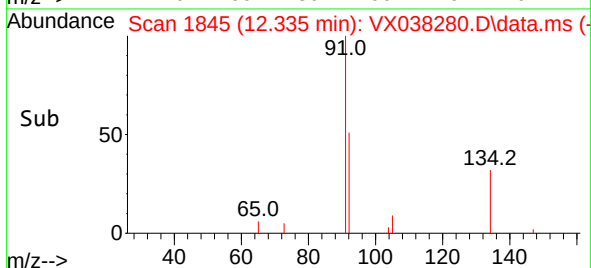
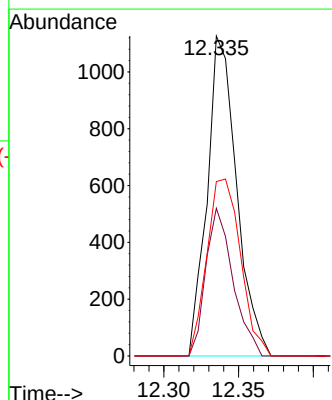
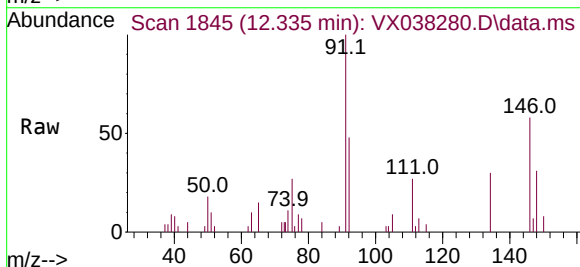
Manual Integrations
APPROVED

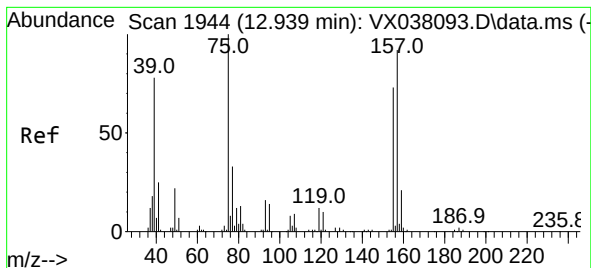
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#91
1,2-Dichlorobenzene
Concen: 0.429 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

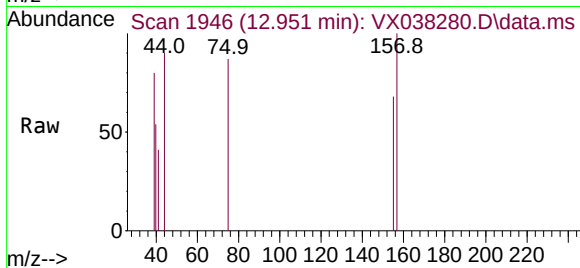
Tgt Ion:146 Resp: 1549
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 62.9 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.180 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

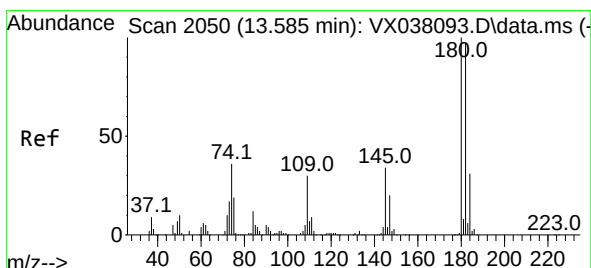
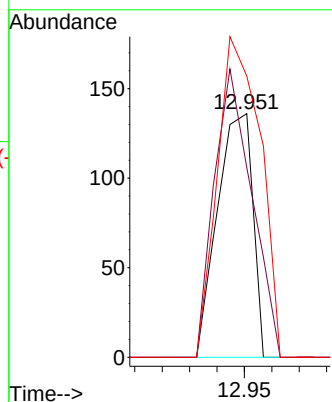
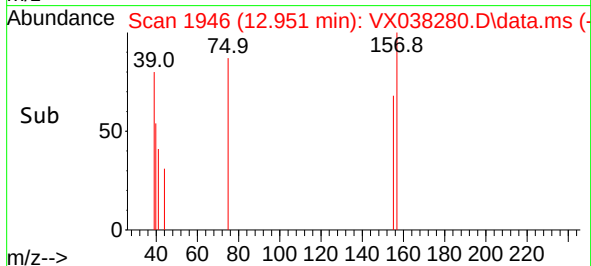
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



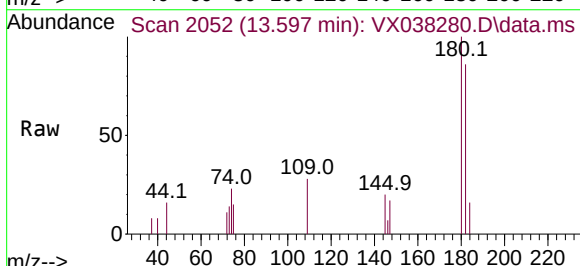
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
155 125.4 36.1 108.5
157 159.8 44.9 134.7

Manual Integrations
APPROVED

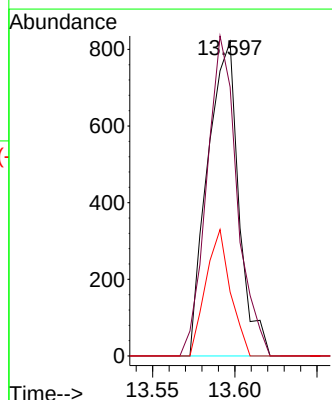
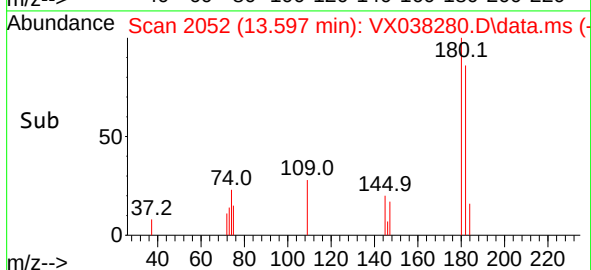
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

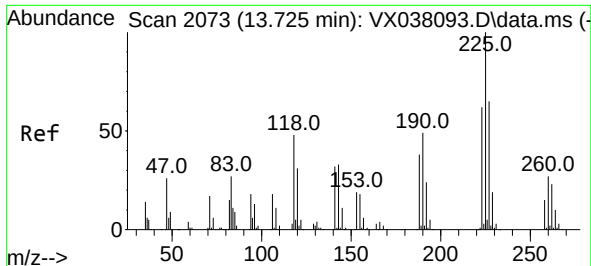


#93
1,2,4-Trichlorobenzene
Concen: 0.447 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



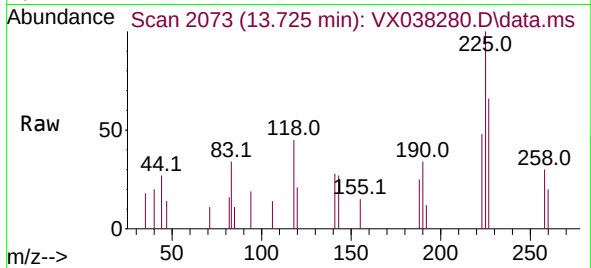
Tgt Ion:180 Resp: 1083
Ion Ratio Lower Upper
180 100
182 99.1 48.3 144.8
145 31.7 18.0 54.0





#94
Hexachlorobutadiene
Concen: 0.495 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

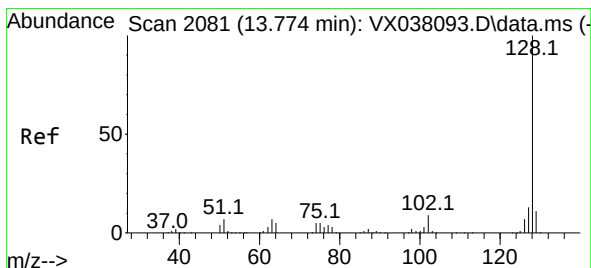
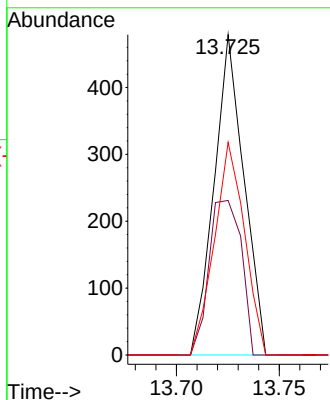
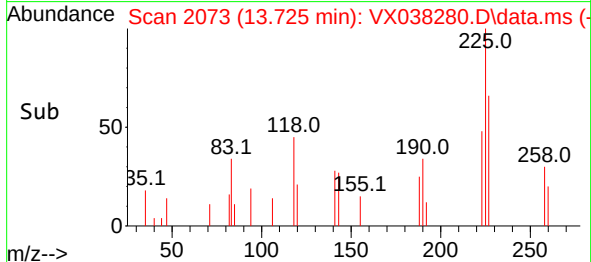
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



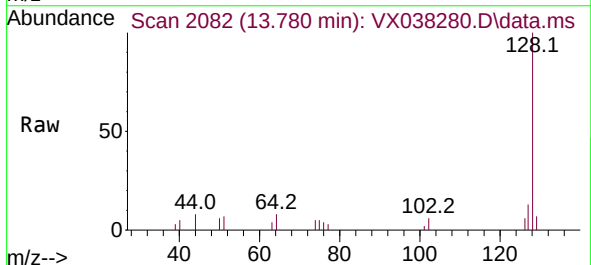
Tgt Ion:225 Resp: 482
Ion Ratio Lower Upper
225 100
223 52.7 31.1 93.2
227 67.2 32.5 97.5

Manual Integrations
APPROVED

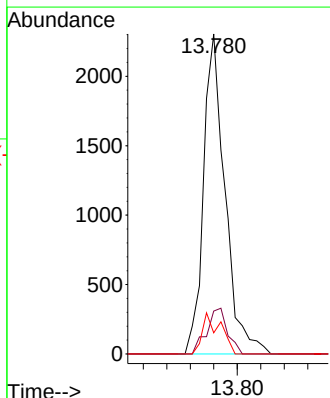
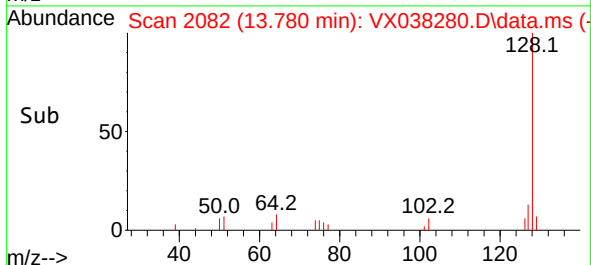
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

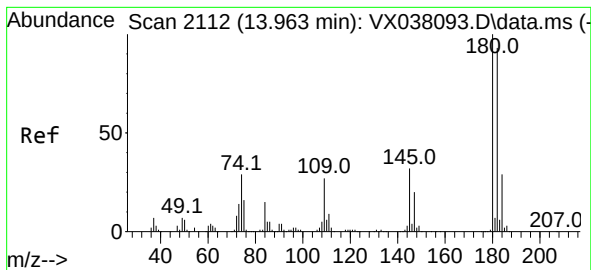


#95
Naphthalene
Concen: 0.347 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01



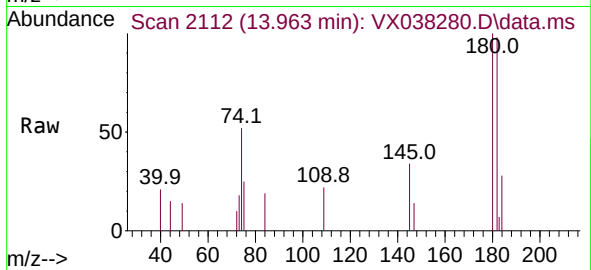
Tgt Ion:128 Resp: 2927
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.411 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:180	Resp:	964
Ion Ratio	Lower	Upper
180	100	
182	95.2	46.9 140.6
145	32.8	17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

