

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038279.D
 Acq On : 13 Oct 2023 12:33
 Operator : JC/MD
 Sample : 04699-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 14 00:56:20 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	5.556	168	122803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100225	50.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.480%			
35) Dibromofluoromethane	5.385	113	74370	47.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.647	98	284118	47.954	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.079	95	105107	46.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	62	0.052	ug/l #	41
3) Chloromethane	1.307	50	131	0.108	ug/l #	43
4) Vinyl Chloride	1.374	62	148	0.110	ug/l #	80
5) Bromomethane	1.611	94	163	0.089	ug/l #	69
6) Chloroethane	1.691	64	330m	0.278	ug/l	
7) Trichlorofluoromethane	1.886	101	350	0.132	ug/l #	78
8) Diethyl Ether	2.130	74	79	0.080	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.325	101	98	0.085	ug/l #	20
10) Methyl Iodide	2.459	142	70	0.042	ug/l #	72
11) Tert butyl alcohol	2.947	59	173	0.360	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	22	0.020	ug/l #	32
13) Acrolein	2.239	56	61	0.217	ug/l #	20
14) Allyl chloride	2.660	41	184	0.092	ug/l #	57
15) Acrylonitrile	3.075	53	285	0.317	ug/l #	81
16) Acetone	2.386	43	567	0.688	ug/l #	84
17) Carbon Disulfide	2.508	76	649	0.200	ug/l #	76
18) Methyl Acetate	2.709	43	363	0.103	ug/l #	69
19) Methyl tert-butyl Ether	3.111	73	201	0.045	ug/l #	54
20) Methylene Chloride	2.788	84	570	0.368	ug/l #	71
21) trans-1,2-Dichloroethene	3.087	96	106	0.076	ug/l #	52
22) Diisopropyl ether	3.757	45	242	0.057	ug/l #	58
23) Vinyl Acetate	3.739	43	880m	0.285	ug/l	
24) 1,1-Dichloroethane	3.605	63	84	0.033	ug/l #	83
25) 2-Butanone	4.593	43	540m	0.406	ug/l	
26) 2,2-Dichloropropane	4.489	77	25	0.013	ug/l #	54
27) cis-1,2-Dichloroethene	4.507	96	90	0.054	ug/l #	1
29) Tetrahydrofuran	5.019	42	113	0.130	ug/l #	48
30) Chloroform	5.099	83	155	0.055	ug/l #	19
31) Cyclohexane	5.458	56	103	0.048	ug/l #	18
32) 1,1,1-Trichloroethane	5.391	97	85	0.036	ug/l #	23
36) 1,1-Dichloropropene	5.708	75	141m	0.066	ug/l	
37) Ethyl Acetate	4.721	43	62	0.024	ug/l #	69
38) Carbon Tetrachloride	5.702	117	145m	0.069	ug/l	
39) Methylcyclohexane	7.385	83	132	0.053	ug/l #	45
40) Benzene	6.037	78	550m	0.092	ug/l	
41) Methacrylonitrile	5.032	41	157	0.124	ug/l #	29

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Manual Integrations APPROVED

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 Supervised By :Mahesh Dadoda 10/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.098	62	329	0.138	ug/l #	77
43) Isopropyl Acetate	6.361	43	34	0.009	ug/l #	62
44) Trichloroethene	7.141	130	106	0.068	ug/l	1
45) 1,2-Dichloropropane	7.434	63	54	0.035	ug/l #	44
46) Dibromomethane	7.598	93	52	0.043	ug/l #	7
47) Bromodichloromethane	7.818	83	160	0.075	ug/l #	78
48) Methyl methacrylate	7.415	41	20	0.011	ug/l #	16
49) 1,4-Dioxane	7.677	88	20	0.448	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	875	0.335	ug/l	93
52) Toluene	8.726	92	378	0.097	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	136	0.059	ug/l #	43
54) cis-1,3-Dichloropropene	8.372	75	140	0.058	ug/l #	29
55) 1,1,2-Trichloroethane	9.165	97	74	0.044	ug/l #	52
56) Ethyl methacrylate	9.128	69	55	0.022	ug/l #	1
57) 1,3-Dichloropropane	9.317	76	157	0.058	ug/l #	67
58) 2-Chloroethyl Vinyl ether	8.257	63	395	0.315	ug/l #	81
59) 2-Hexanone	9.445	43	617	0.294	ug/l	78
60) Dibromochloromethane	9.519	129	45	0.028	ug/l #	46
61) 1,2-Dibromoethane	9.616	107	108	0.060	ug/l #	71
64) Tetrachloroethene	9.275	164	170	0.123	ug/l #	58
65) Chlorobenzene	10.079	112	488	0.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	93	0.061	ug/l #	29
67) Ethyl Benzene	10.201	91	734	0.092	ug/l	91
68) m/p-Xylenes	10.299	106	547	0.177	ug/l	88
69) o-Xylene	10.646	106	228	0.076	ug/l	92
70) Styrene	10.659	104	315	0.064	ug/l #	74
71) Bromoform	10.799	173	21m	0.017	ug/l	
73) Isopropylbenzene	10.969	105	634	0.087	ug/l	98
74) N-amyl acetate	10.848	43	58	0.019	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.213	83	143	0.053	ug/l #	63
76) 1,2,3-Trichloropropane	11.238	75	262m	0.106	ug/l	
77) Bromobenzene	11.207	156	154	0.087	ug/l	61
78) n-propylbenzene	11.311	91	805	0.090	ug/l	86
79) 2-Chlorotoluene	11.366	91	463	0.088	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	641	0.102	ug/l	81
82) 4-Chlorotoluene	11.463	91	624	0.100	ug/l	94
83) tert-Butylbenzene	11.713	119	567	0.092	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	587	0.094	ug/l	96
85) sec-Butylbenzene	11.896	105	771	0.097	ug/l	84
86) p-Isopropyltoluene	12.012	119	623	0.095	ug/l #	24
87) 1,3-Dichlorobenzene	11.975	146	435	0.122	ug/l	88
88) 1,4-Dichlorobenzene	12.042	146	677m	0.185	ug/l	
89) n-Butylbenzene	12.341	91	646	0.099	ug/l #	91
90) Hexachloroethane	12.536	117	66	0.061	ug/l #	17
91) 1,2-Dichlorobenzene	12.341	146	360	0.105	ug/l #	77
93) 1,2,4-Trichlorobenzene	13.597	180	360	0.156	ug/l	91
94) Hexachlorobutadiene	13.725	225	93	0.100	ug/l #	48
95) Naphthalene	13.780	128	769	0.096	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.963	180	313	0.140	ug/l	73

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

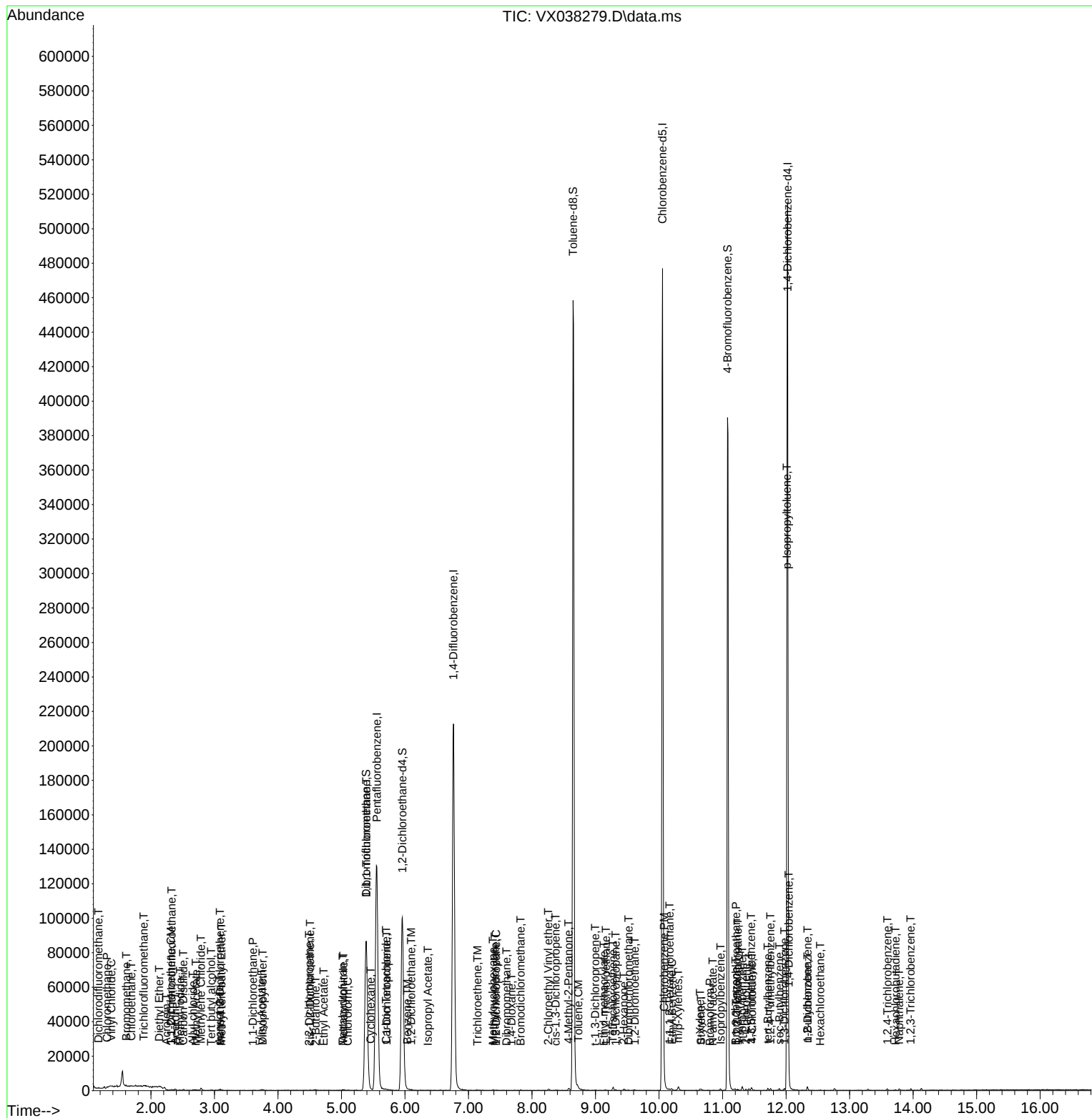
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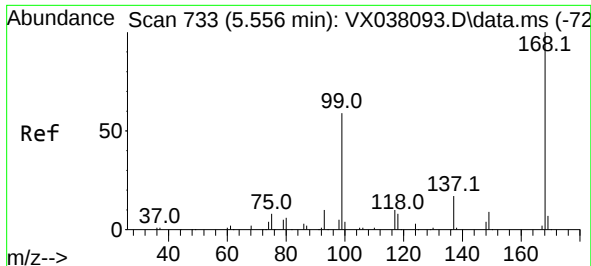
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 14 00:55:23 2023
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Manual Integrations
APPROVED

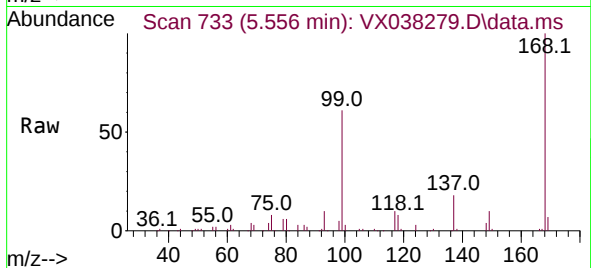
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

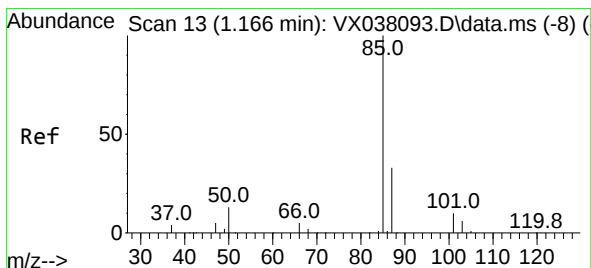
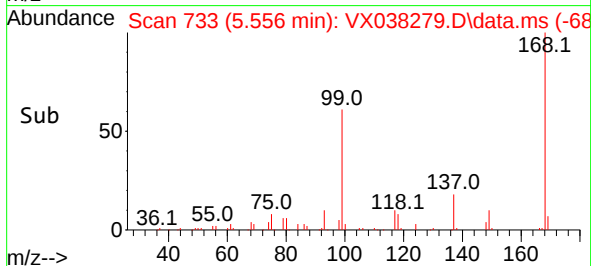
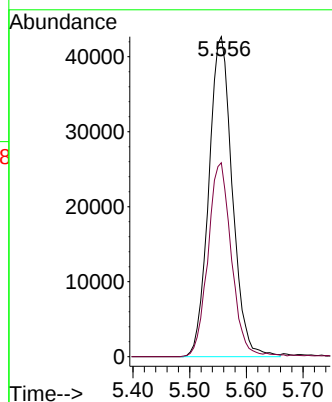
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:168 Resp: 12280
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0

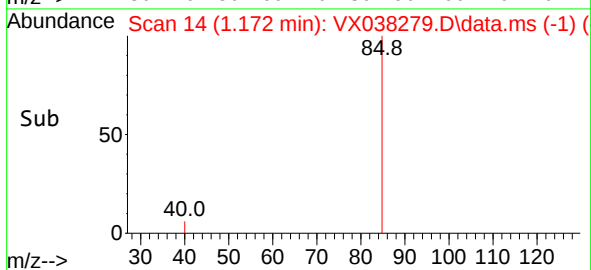
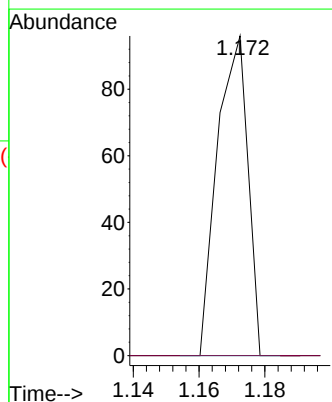
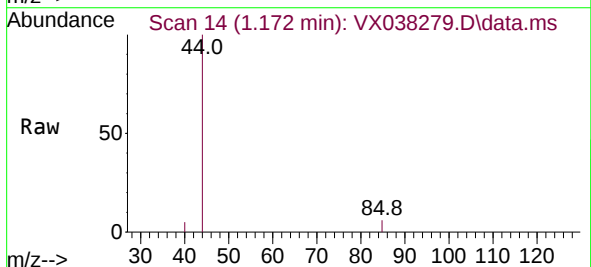
Manual Integrations
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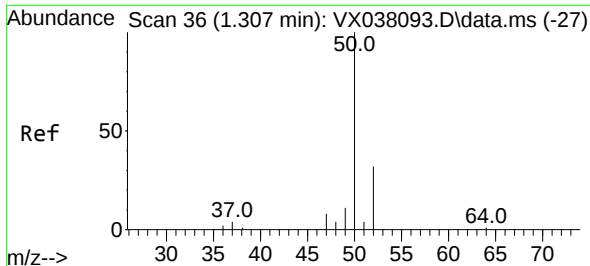
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 0.052 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

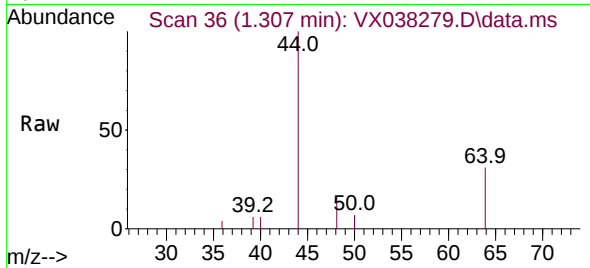
Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3
Chloromethane
Concen: 0.108 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

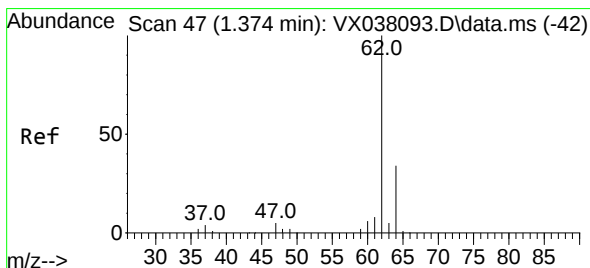
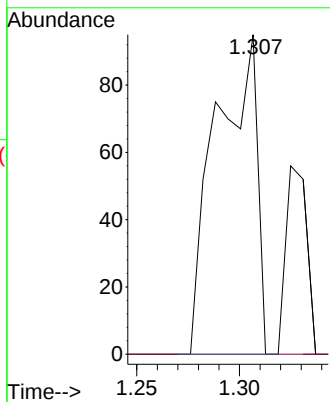
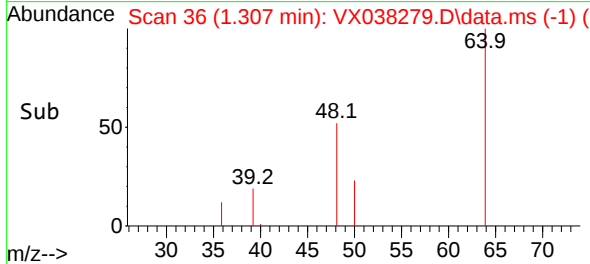
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 50 Resp: 133
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3

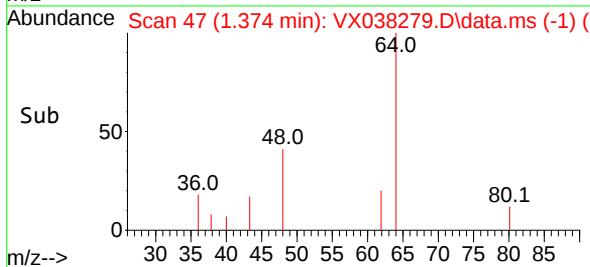
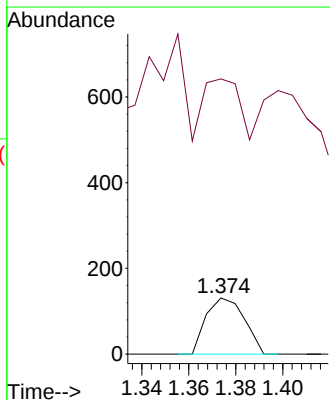
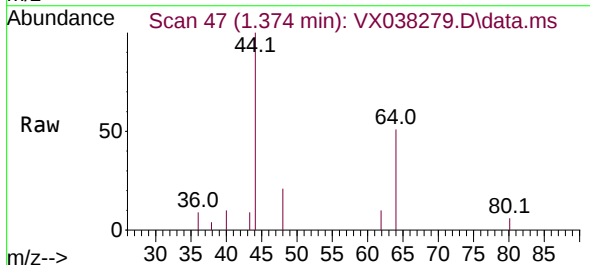
Manual Integrations
APPROVED

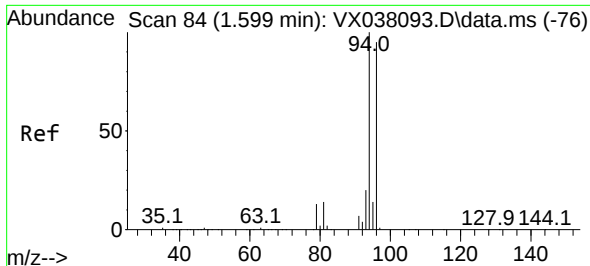
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Vinyl Chloride
Concen: 0.110 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 62 Resp: 148
Ion Ratio Lower Upper
62 100
64 20.6 25.4 38.0





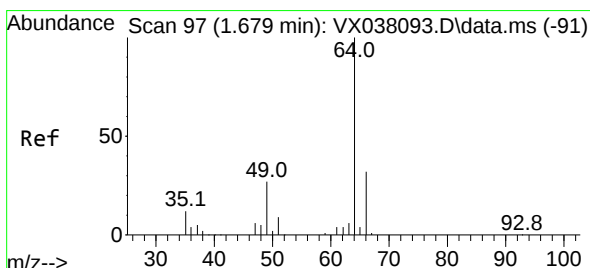
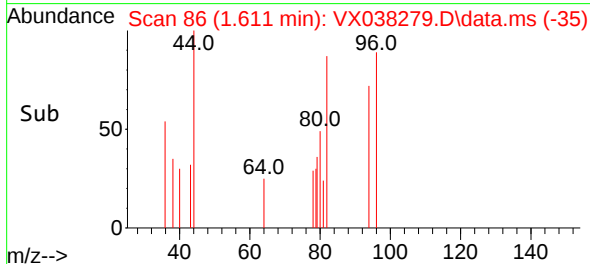
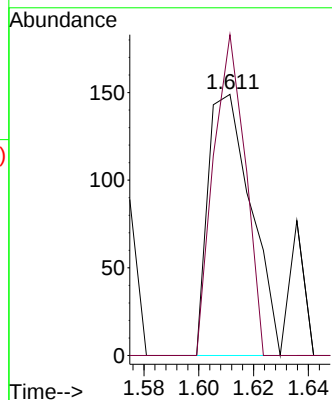
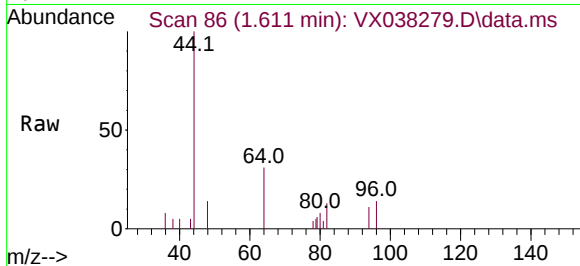
#5
Bromomethane
Concen: 0.089 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

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

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 122.8 74.6 111.8

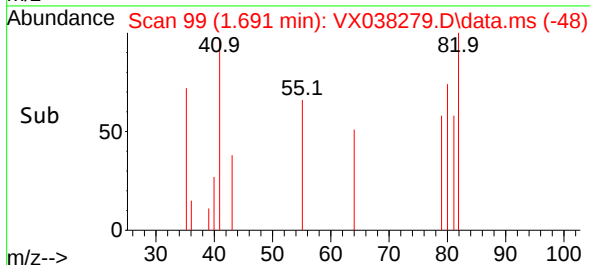
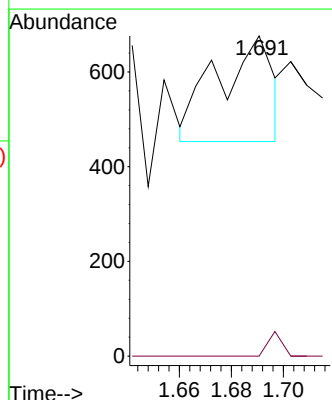
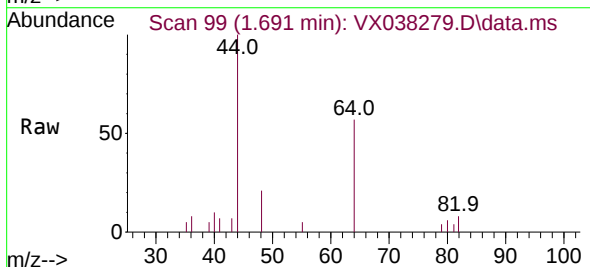
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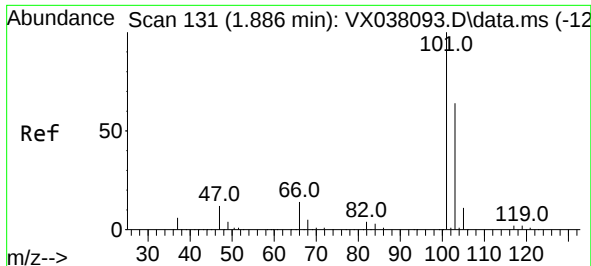
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#6
Chloroethane
Concen: 0.278 ug/l m
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

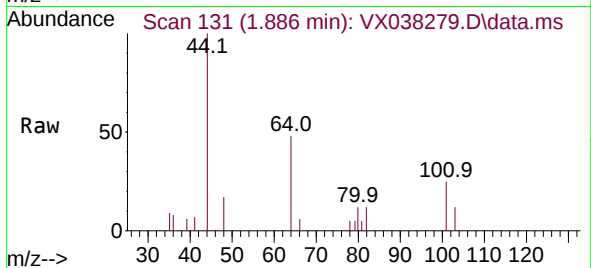
Tgt Ion: 64 Resp: 330
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 0.132 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

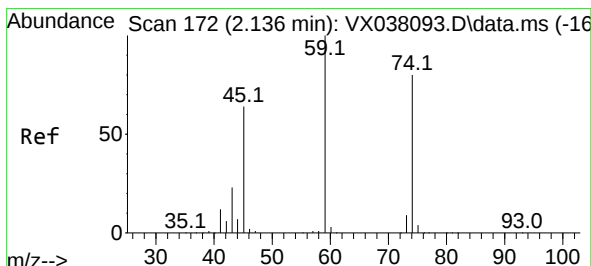
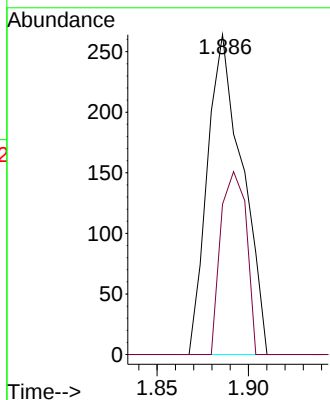
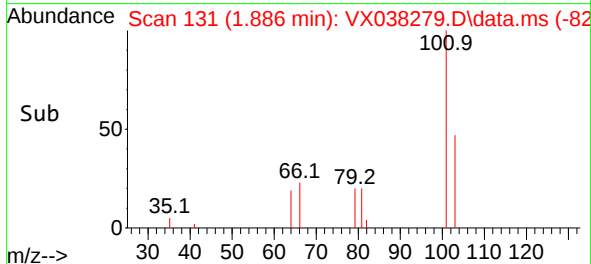
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



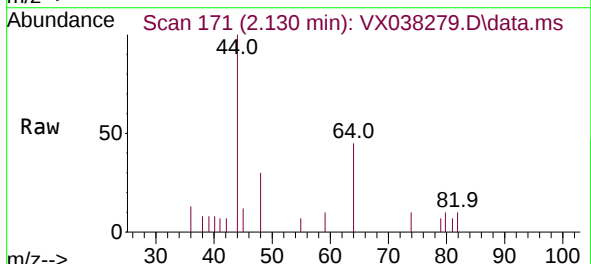
Tgt Ion:101 Resp: 350
Ion Ratio Lower Upper
101 100
103 47.0 51.4 77.2

Manual Integrations
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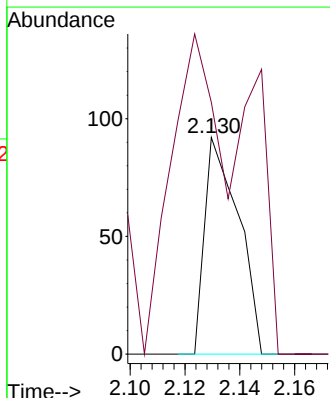
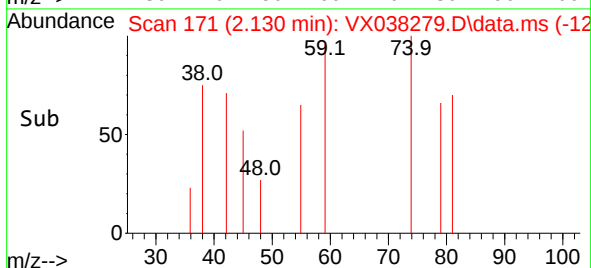
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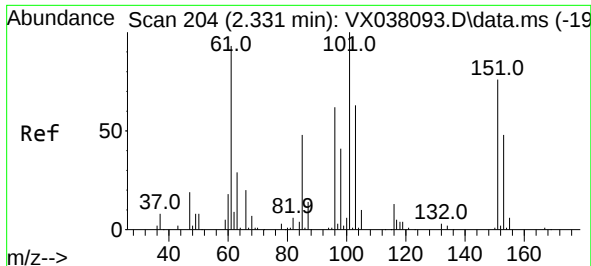


#8
Diethyl Ether
Concen: 0.080 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion: 74 Resp: 79
Ion Ratio Lower Upper
74 100
45 215.2 53.3 159.8#





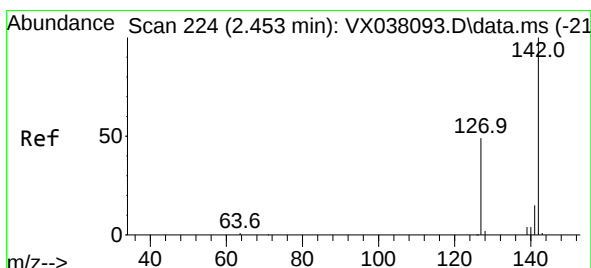
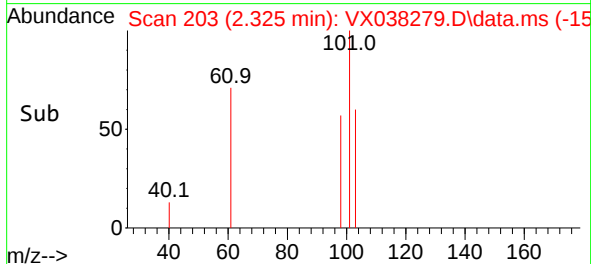
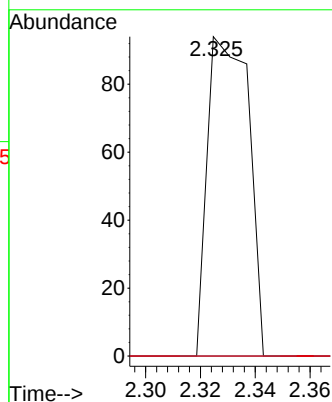
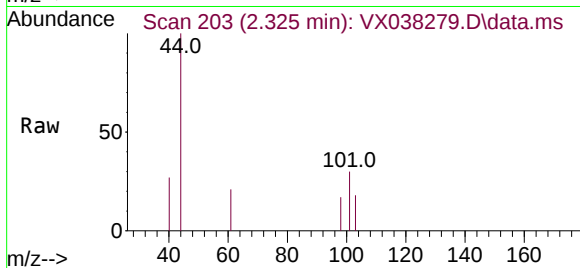
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1,1,2-Trichlorotrifluoroethane
Concen: 0.085 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

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

Tgt Ion:101 Resp: 98
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6
151 0.0 58.6 87.8

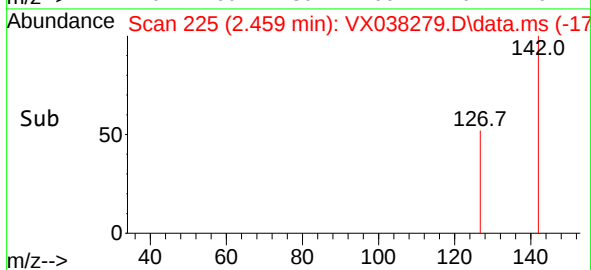
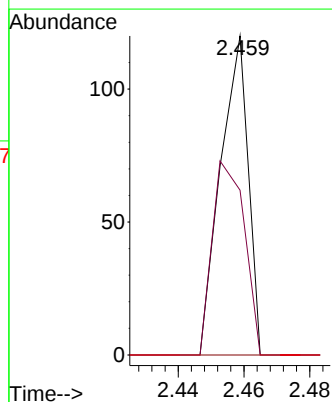
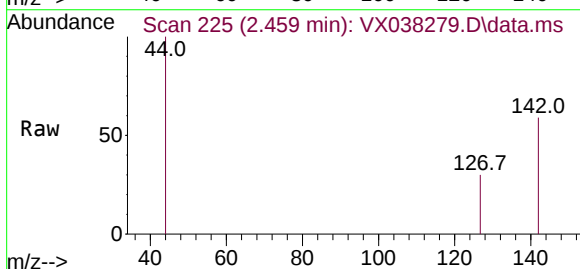
Manual Integrations
APPROVED

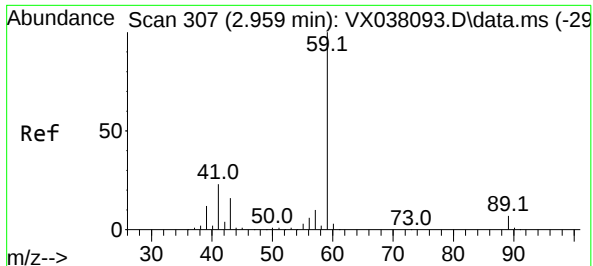
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#10
Methyl Iodide
Concen: 0.042 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

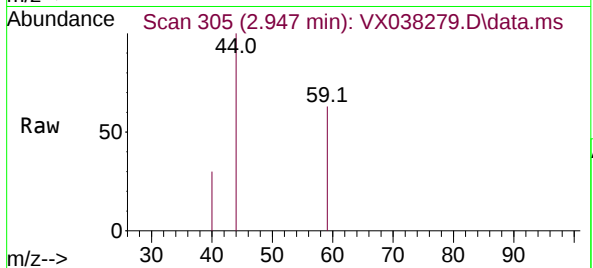
Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 70.0 41.6 62.4#
141 0.0 11.6 17.4#





#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

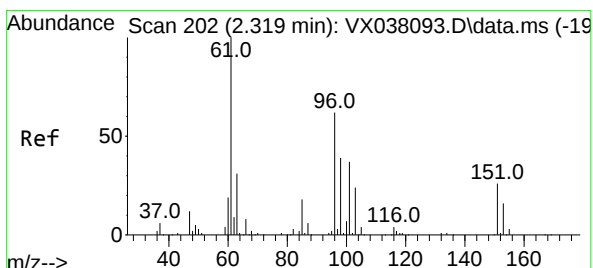
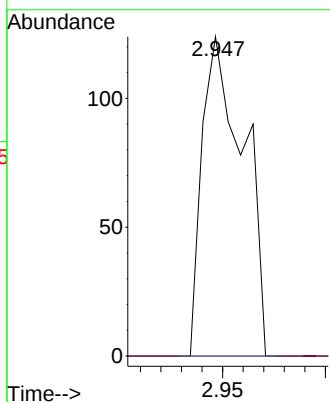
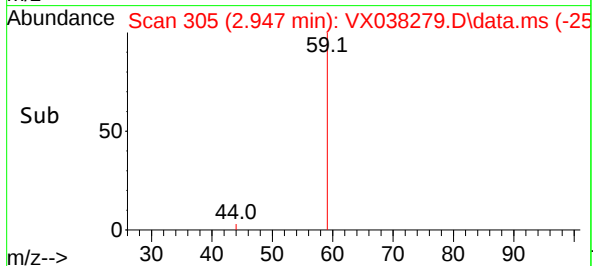
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



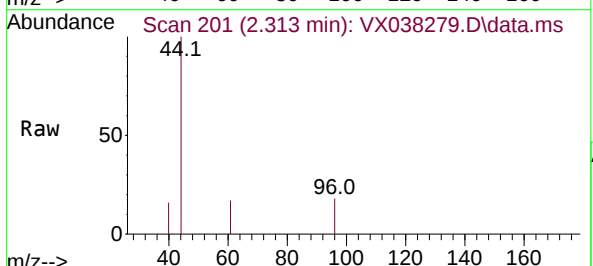
Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

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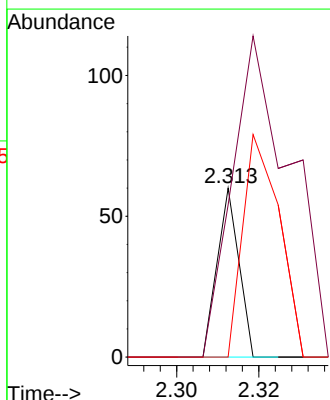
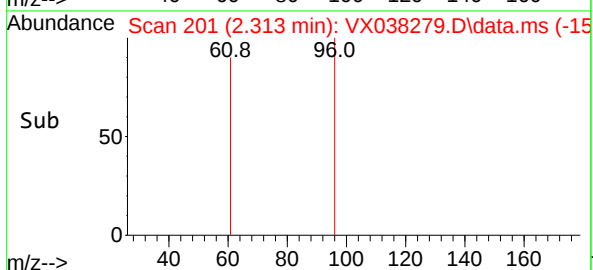
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

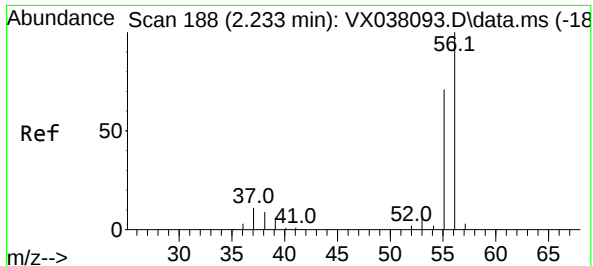


#12
1,1-Dichloroethene
Concen: 0.020 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



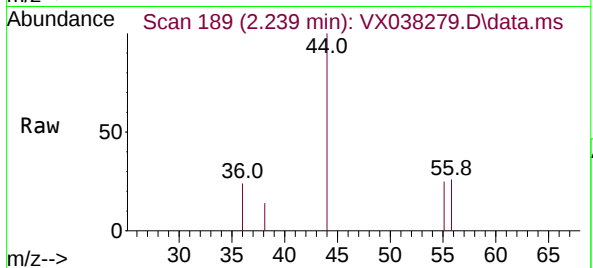
Tgt Ion: 96 Resp: 22
Ion Ratio Lower Upper
96 100
61 90.0 144.6 216.8#
98 0.0 50.4 75.6#





#13
Acrolein
Concen: 0.217 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

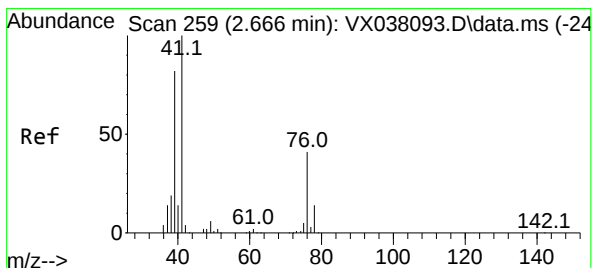
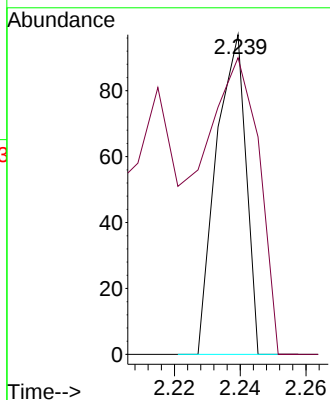
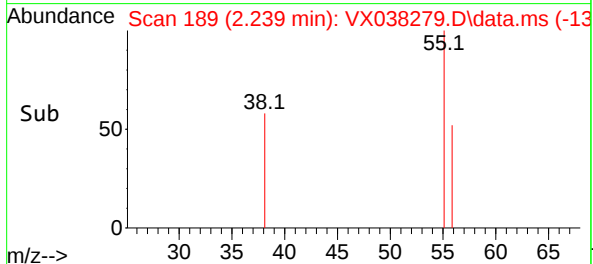
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



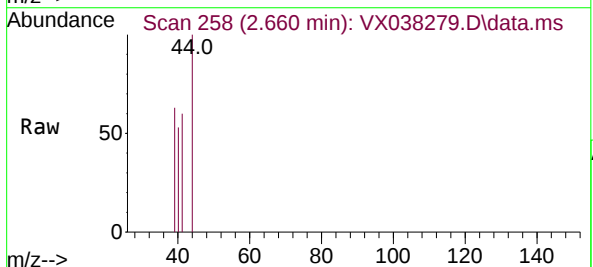
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 137.7 57.1 85.7

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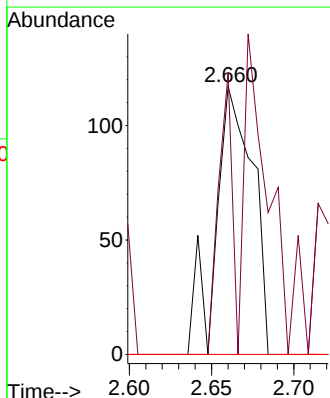
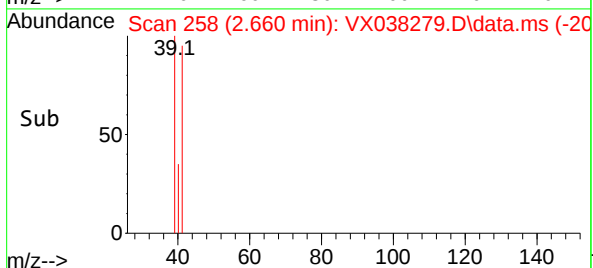
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

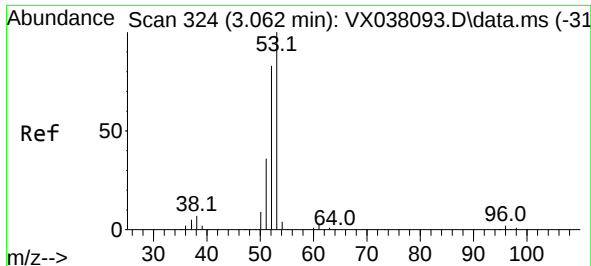


#14
Allyl chloride
Concen: 0.092 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
39 38.6 55.8 83.6#
76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 0.317 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

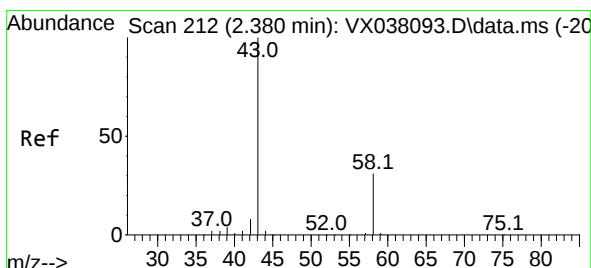
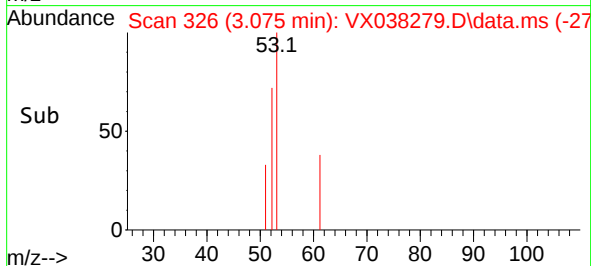
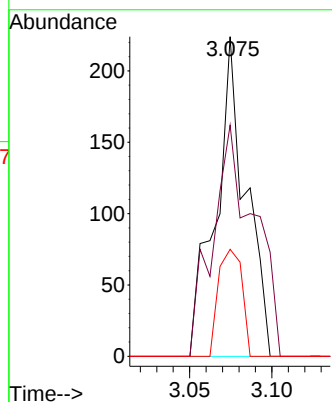
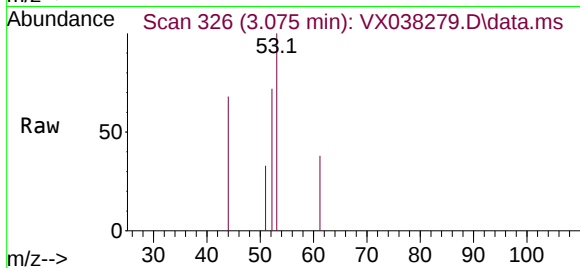
MDL-WATER-03-QT4-2023

Tgt Ion: 53	Resp: 28
Ion Ratio	Lower Upper
53 100	
52 99.6	66.0 99.0
51 26.3	29.8 44.6

Manual Integrations

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



#16

Acetone

Concen: 0.688 ug/l

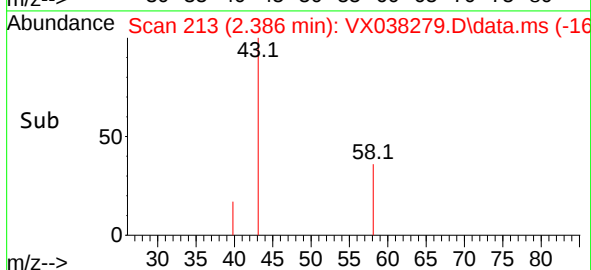
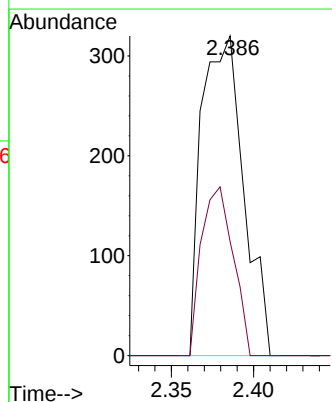
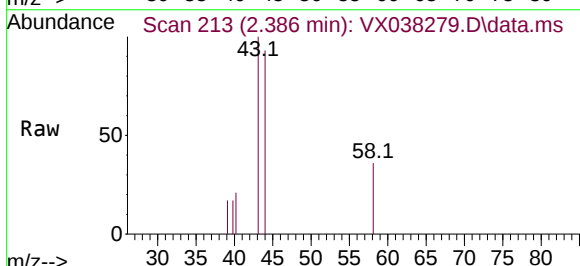
RT: 2.386 min Scan# 213

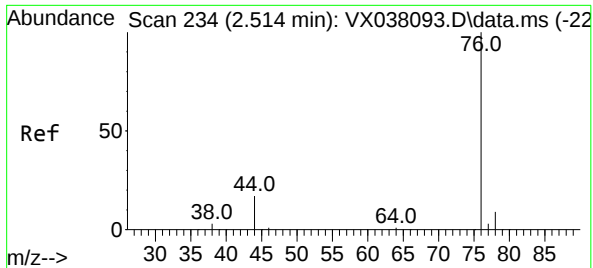
Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 43	Resp: 567
Ion Ratio	Lower Upper
43 100	
58 35.6	21.9 32.9





#17

Carbon Disulfide

Concen: 0.200 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 649

Ion Ratio Lower Upper

76 100

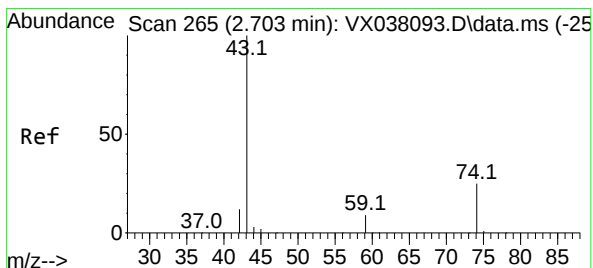
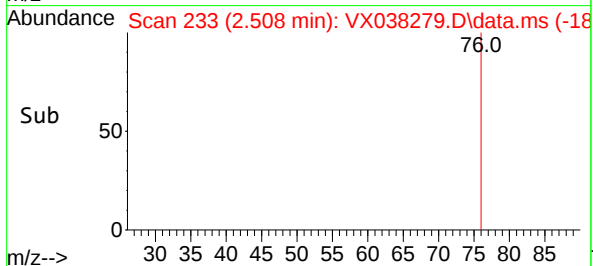
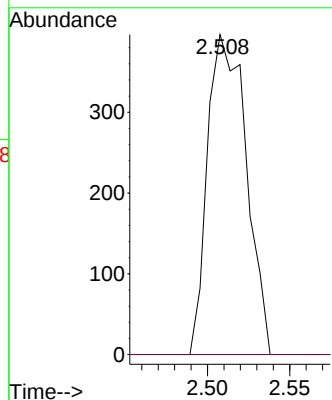
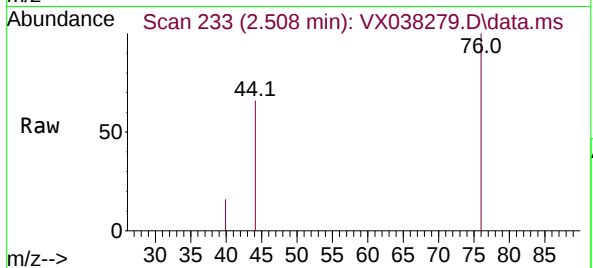
78 0.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#18

Methyl Acetate

Concen: 0.103 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX038279.D

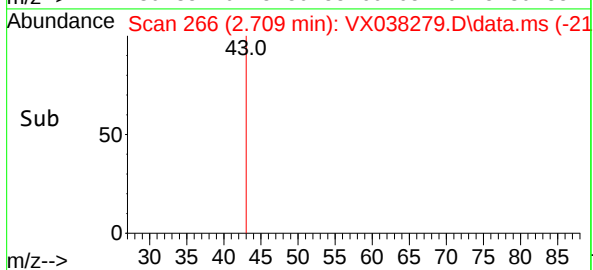
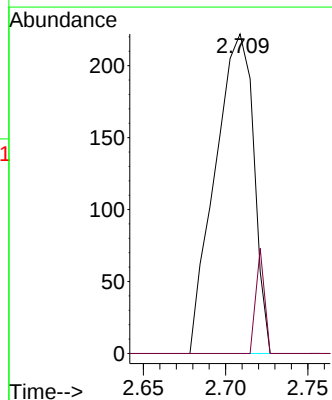
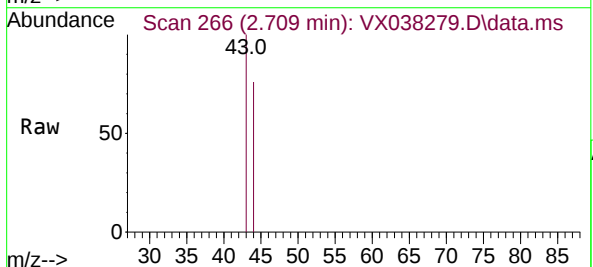
Acq: 13 Oct 2023 12:33

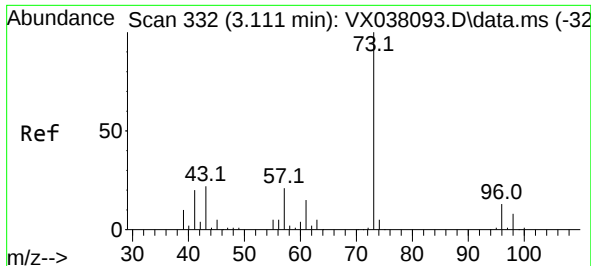
Tgt Ion: 43 Resp: 363

Ion Ratio Lower Upper

43 100

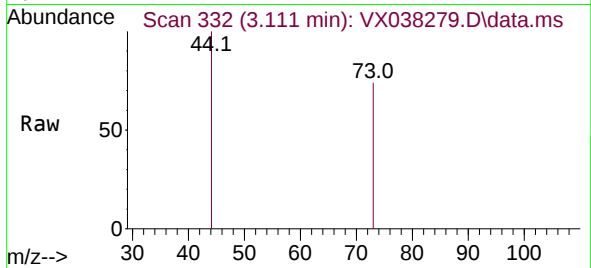
74 7.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.045 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

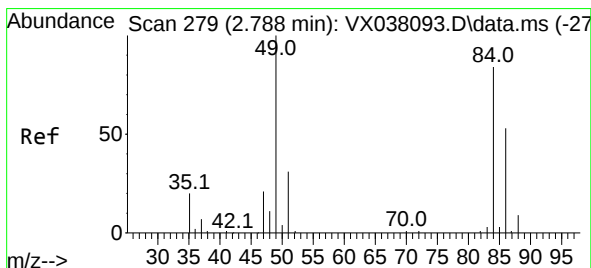
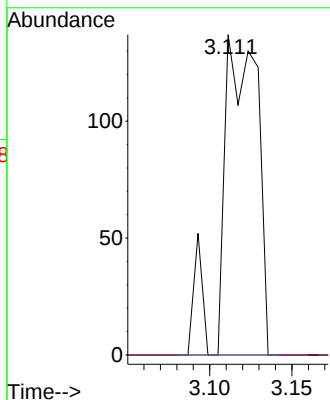
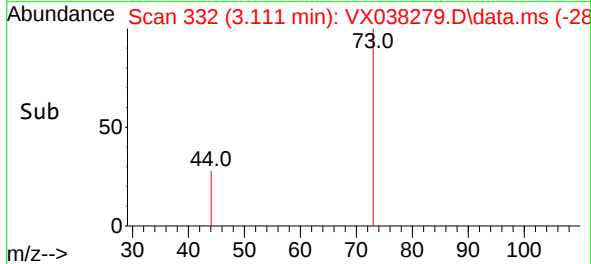
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



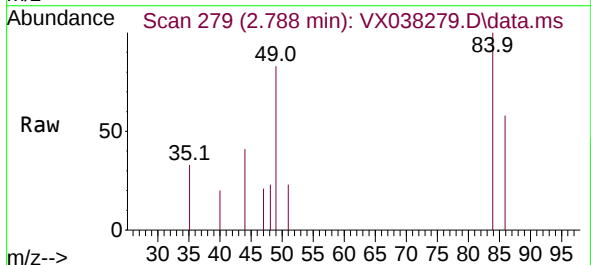
Tgt Ion: 73 Resp: 20
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9

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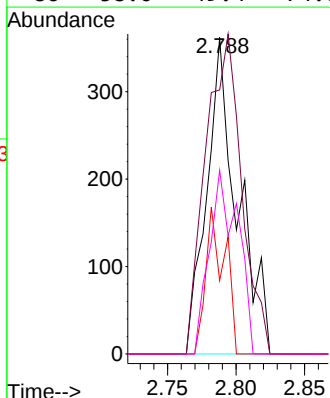
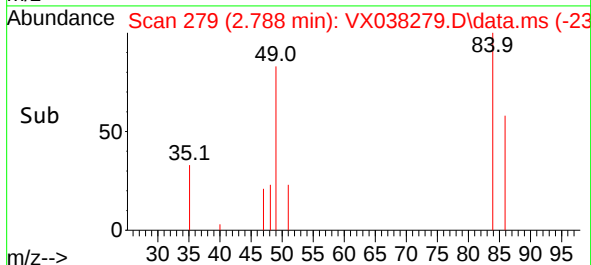
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

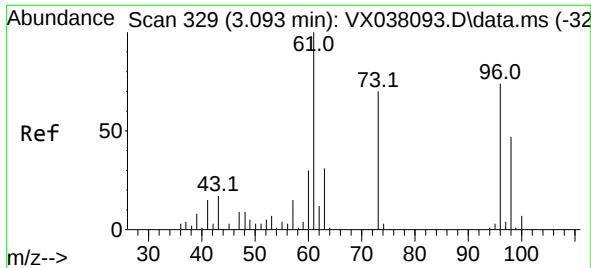


#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



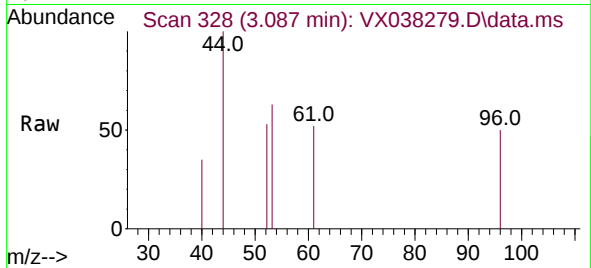
Tgt Ion: 84 Resp: 570
Ion Ratio Lower Upper
84 100
49 83.4 103.6 155.4#
51 23.2 33.8 50.6#
86 58.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.076 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

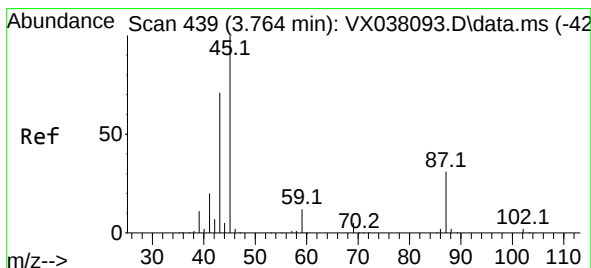
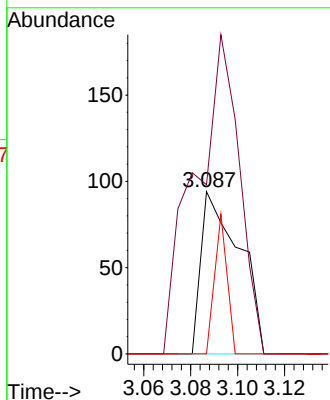
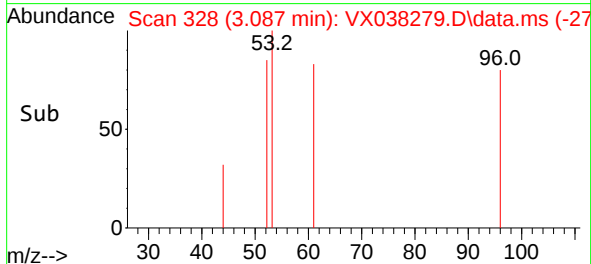
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



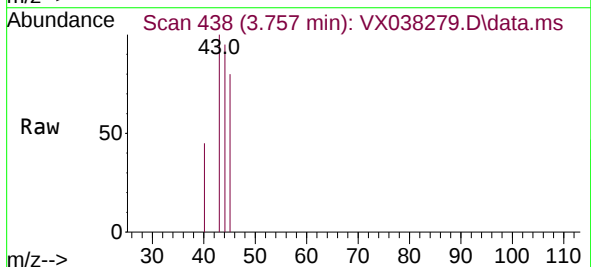
Tgt Ion: 96 Resp: 100
Ion Ratio Lower Upper
96 100
61 104.3 119.2 178.8#
98 0.0 48.7 73.1#

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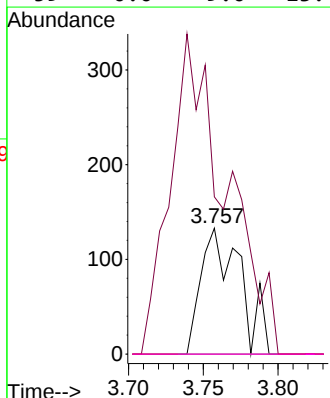
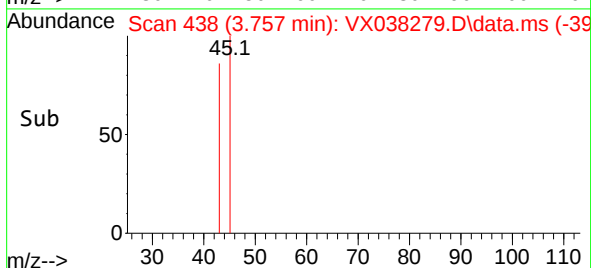
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

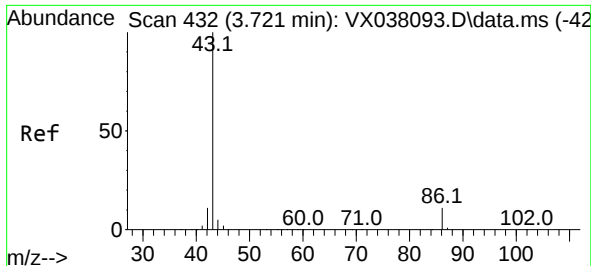


#22
Diisopropyl ether
Concen: 0.057 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion: 45 Resp: 242
Ion Ratio Lower Upper
45 100
43 124.8 69.7 104.5#
87 0.0 20.8 31.2#
59 0.0 9.0 13.4#





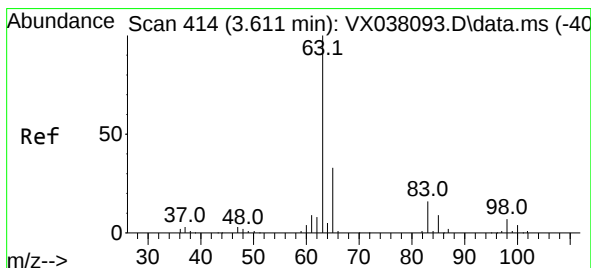
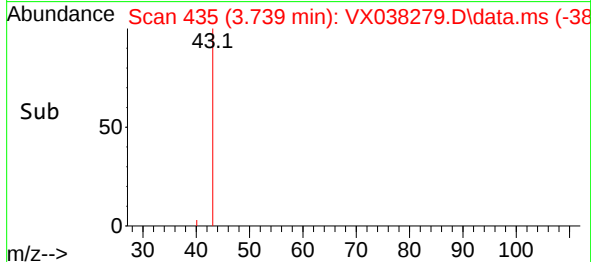
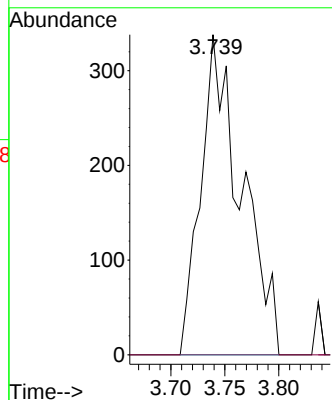
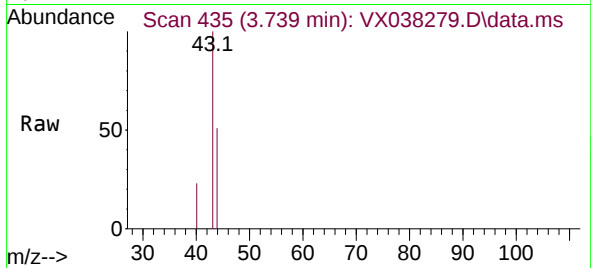
#23
 Vinyl Acetate
 Concen: 0.285 ug/l m
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

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

Tgt Ion: 43 Resp: 880
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8

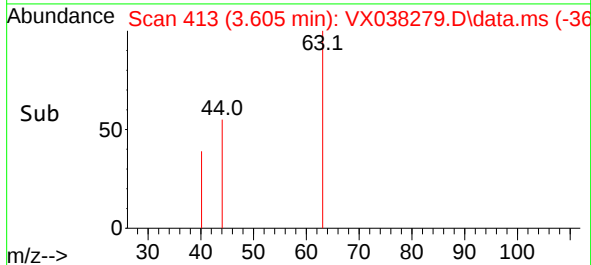
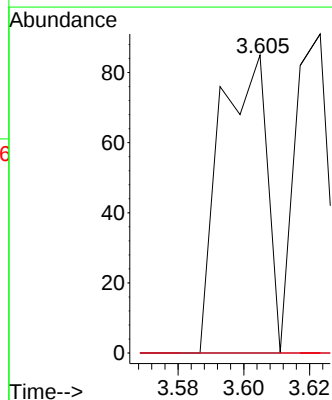
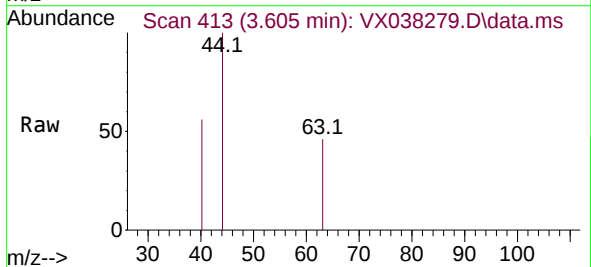
Manual Integrations
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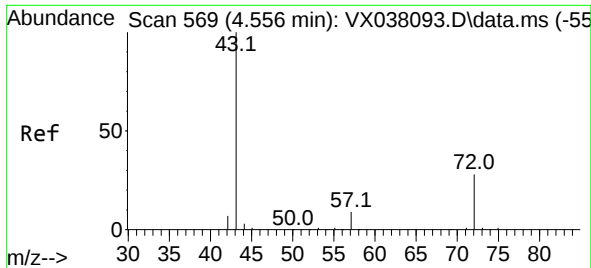
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 0.033 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Tgt Ion: 63 Resp: 84
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





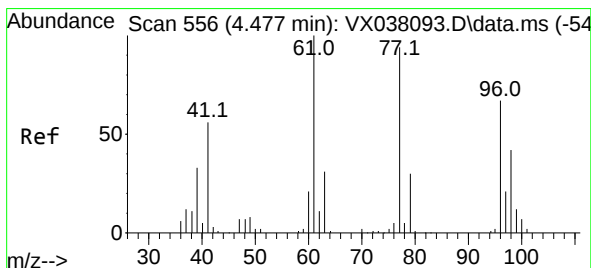
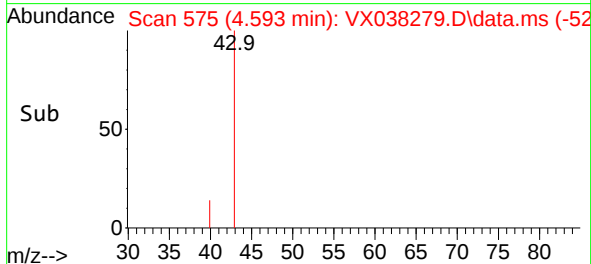
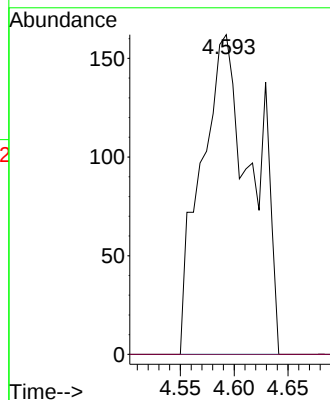
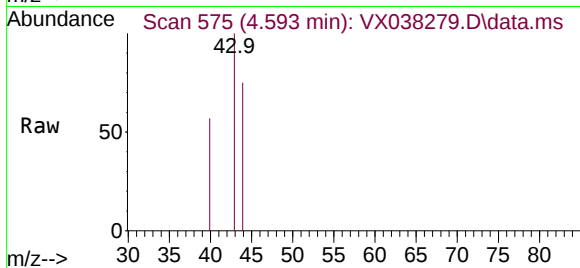
#25
2-Butanone
Concen: 0.406 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

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

Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2

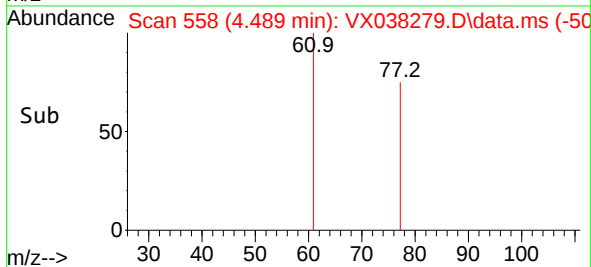
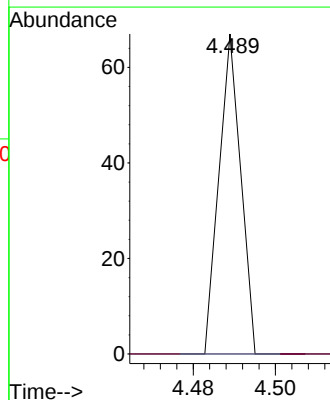
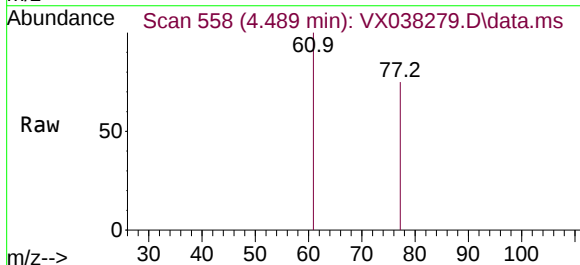
Manual Integrations
APPROVED

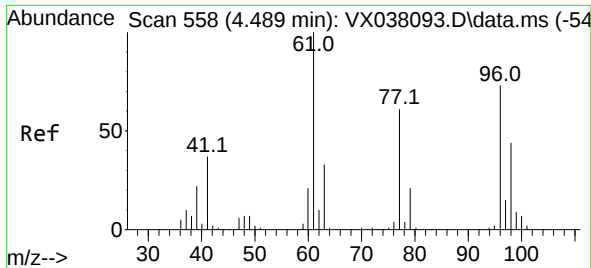
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
2,2-Dichloropropane
Concen: 0.013 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

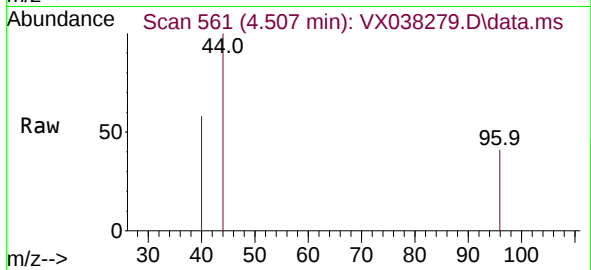
Tgt Ion: 77 Resp: 25
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.054 ug/l
 RT: 4.507 min Scan# 50
 Delta R.T. 0.018 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

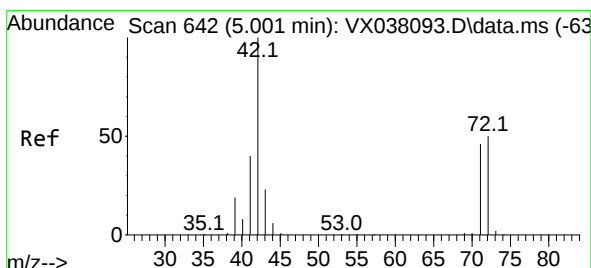
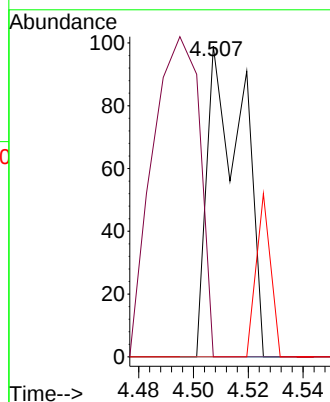
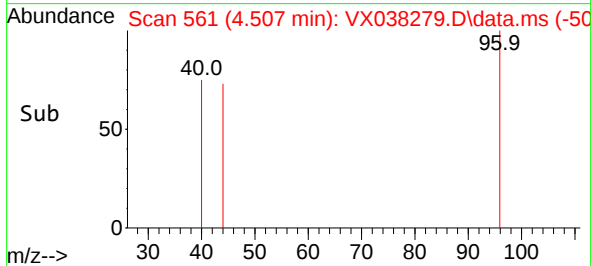
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 90
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 312.2
 98 21.1 0.0 129.0

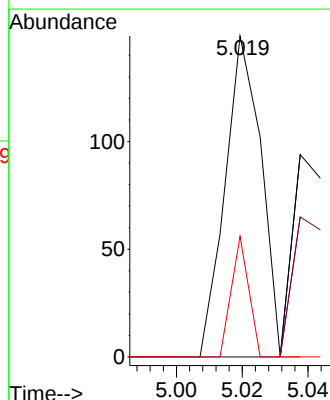
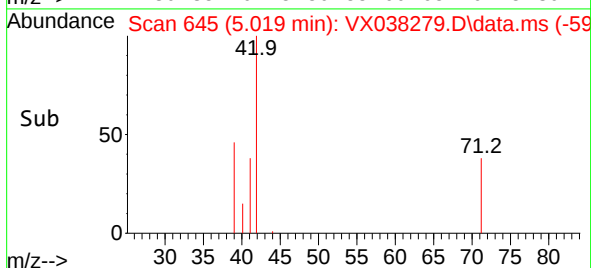
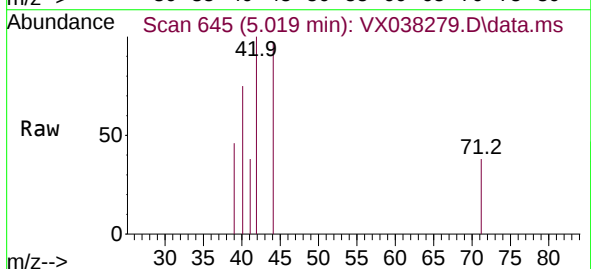
Manual Integrations
 APPROVED

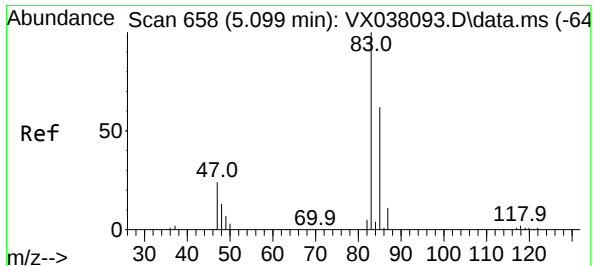
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#29
 Tetrahydrofuran
 Concen: 0.130 ug/l
 RT: 5.019 min Scan# 645
 Delta R.T. 0.018 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Tgt Ion: 42 Resp: 113
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.2 51.4#
 71 17.7 32.2 48.2#





#30

Chloroform

Concen: 0.055 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

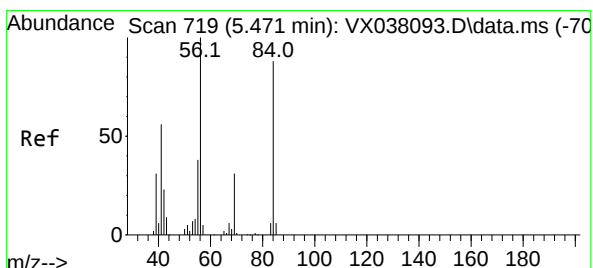
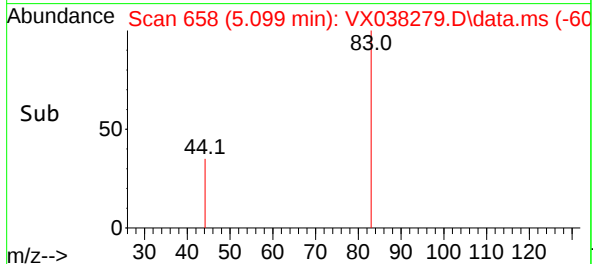
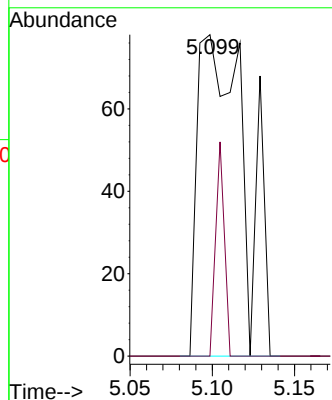
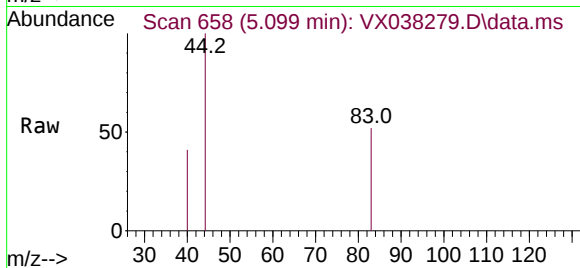
MDL-WATER-03-QT4-2023

Tgt Ion: 83 Resp: 158
 Ion Ratio Lower Upper
 83 100
 85 0.0 50.3 75.5

Manual Integrations

APPROVED

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



#31

Cyclohexane

Concen: 0.048 ug/l

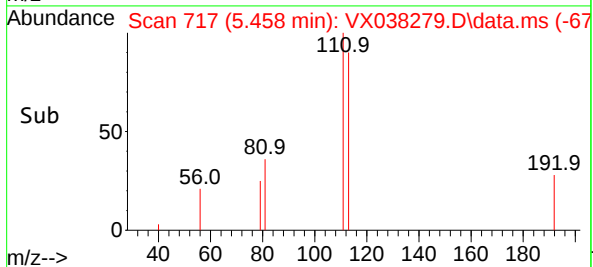
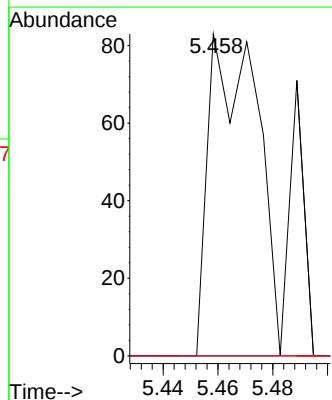
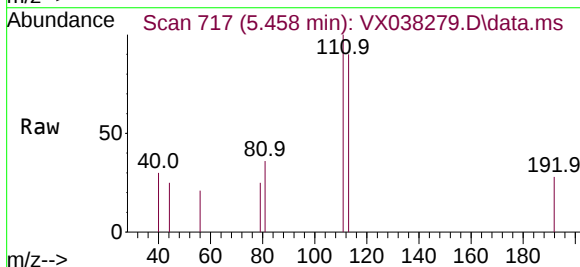
RT: 5.458 min Scan# 717

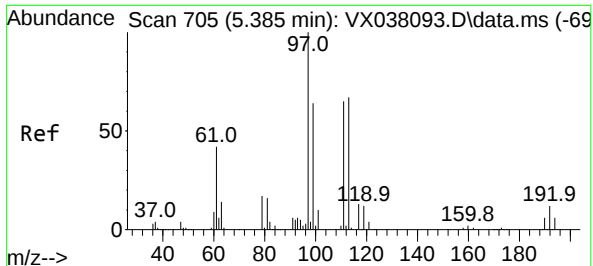
Delta R.T. -0.013 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 56 Resp: 103
 Ion Ratio Lower Upper
 56 100
 69 0.0 23.4 35.2#
 84 0.0 65.9 98.9#





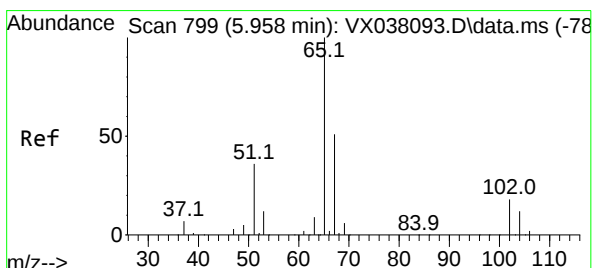
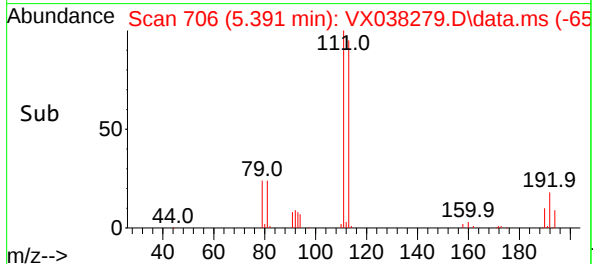
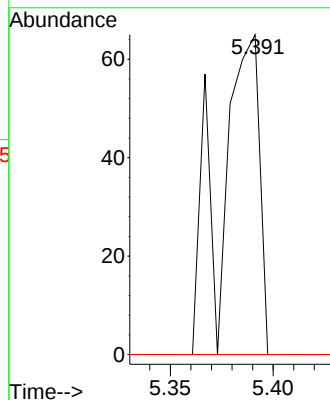
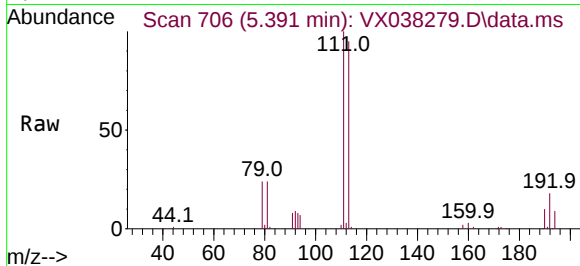
#32
1,1,1-Trichloroethane
Concen: 0.036 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

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

Tgt Ion: 97 Resp: 85
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 0.0 36.4 54.6

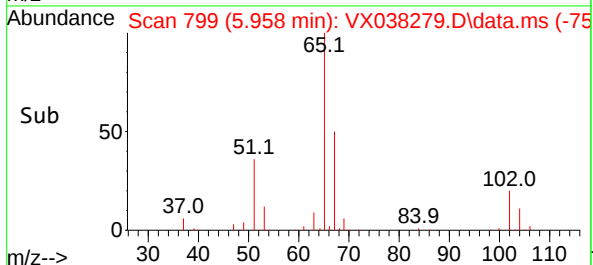
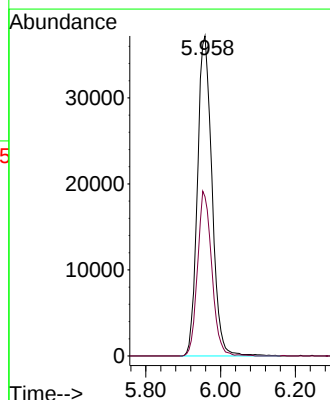
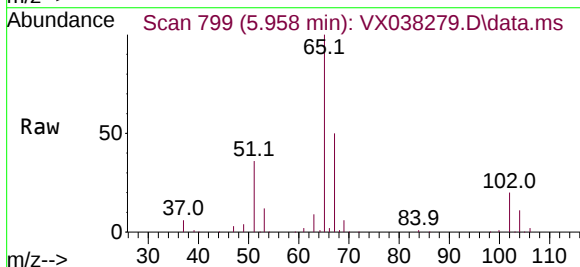
Manual Integrations
APPROVED

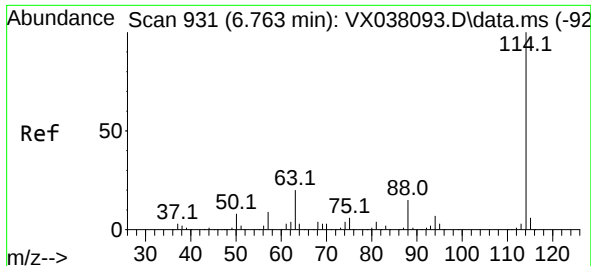
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#33
1,2-Dichloroethane-d4
Concen: 50.741 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

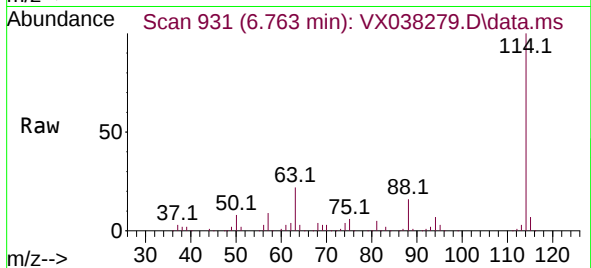
Tgt Ion: 65 Resp: 100225
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

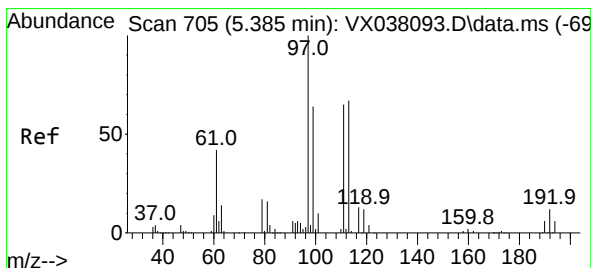
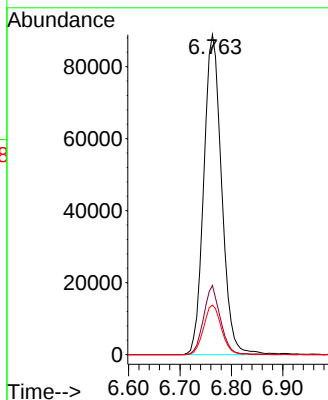
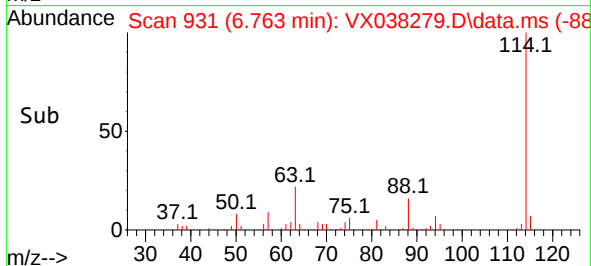
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:114 Resp: 215179
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.5 0.0 36.6

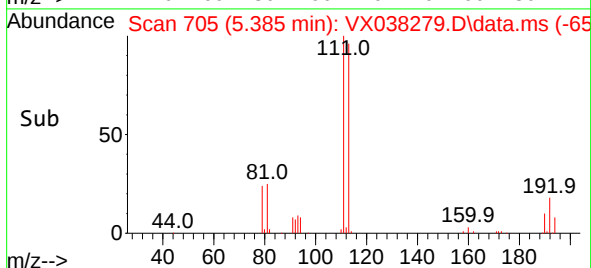
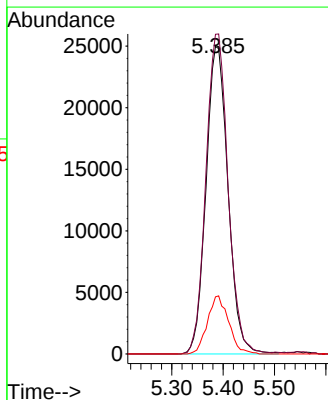
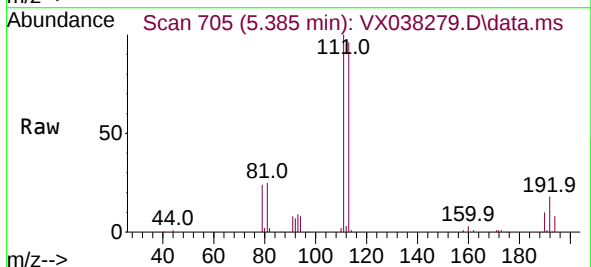
Manual Integrations
APPROVED

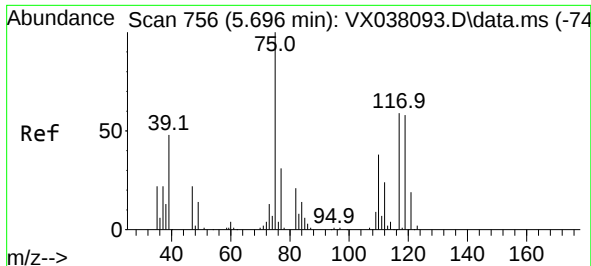
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#35
Dibromofluoromethane
Concen: 47.965 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

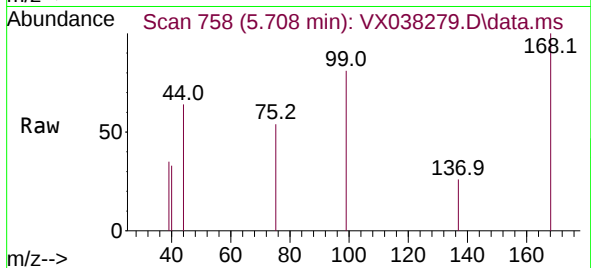
Tgt Ion:113 Resp: 74370
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 18.2 13.3 19.9





#36
1,1-Dichloropropene
Concen: 0.066 ug/l m
RT: 5.708 min Scan# 756
Delta R.T. 0.018 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

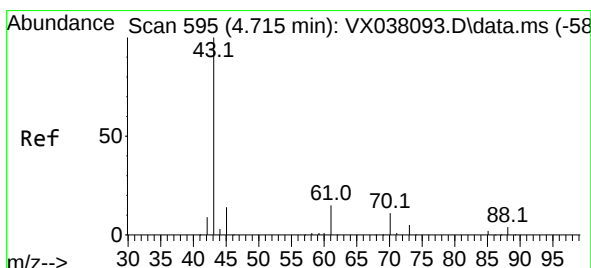
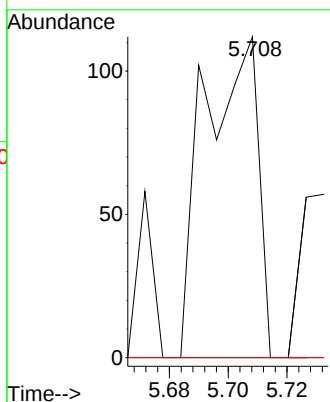
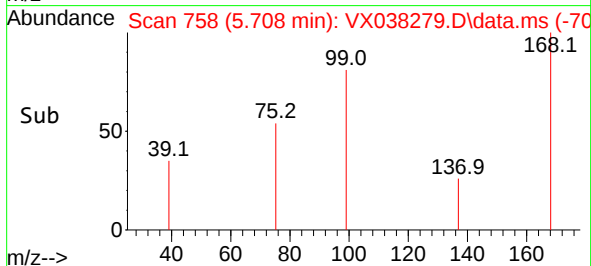
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 75 Resp: 143
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#

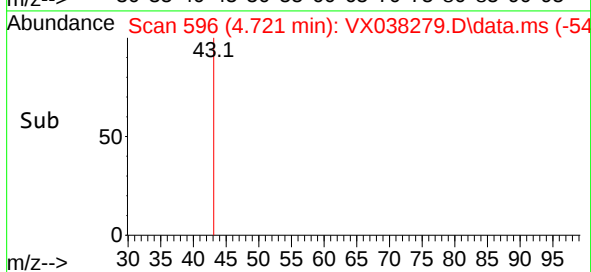
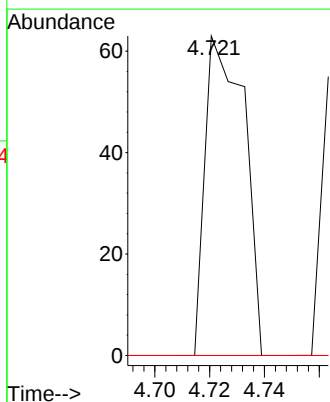
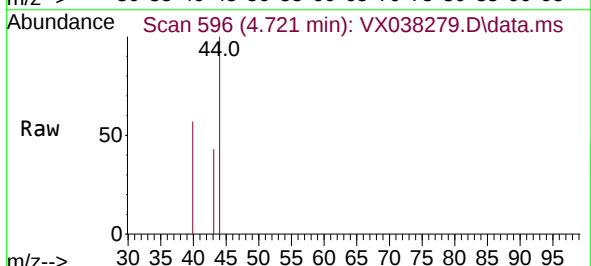
Manual Integrations
APPROVED

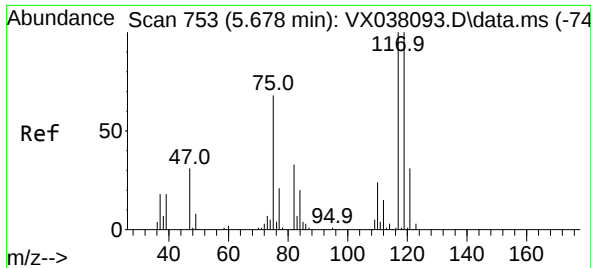
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#37
Ethyl Acetate
Concen: 0.024 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

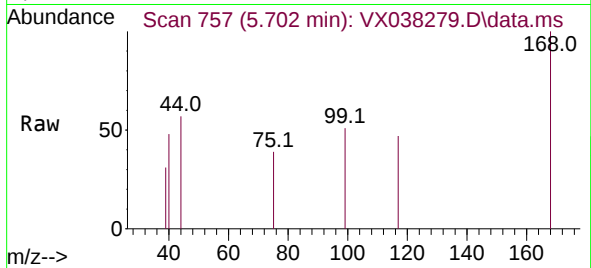
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#38
Carbon Tetrachloride
Concen: 0.069 ug/l m
RT: 5.702 min Scan# 753
Delta R.T. 0.024 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

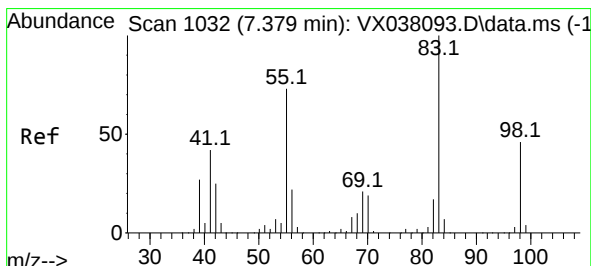
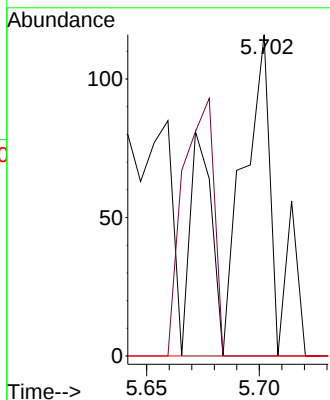
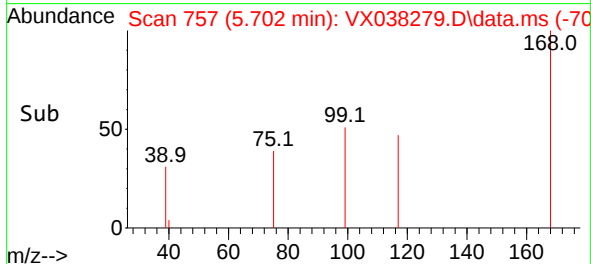
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 117 Resp: 145
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2
121 0.0 24.4 36.6

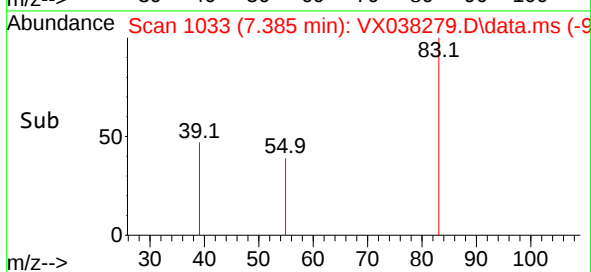
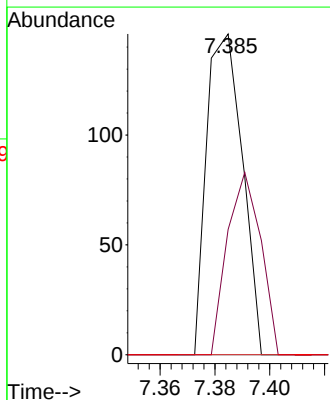
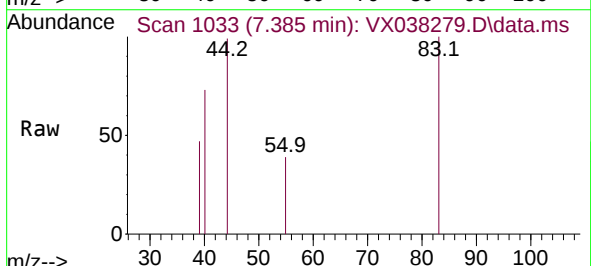
Manual Integrations
APPROVED

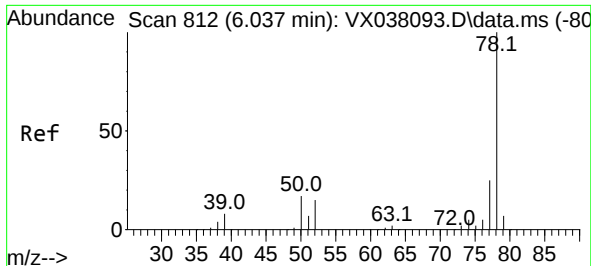
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#39
Methylcyclohexane
Concen: 0.053 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

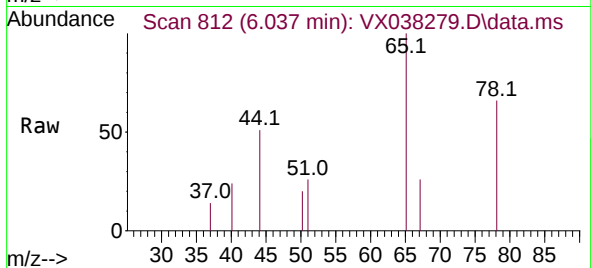
Tgt Ion: 83 Resp: 132
Ion Ratio Lower Upper
83 100
55 39.0 64.6 97.0#
98 0.0 36.7 55.1#





#40
Benzene
Concen: 0.092 ug/l m
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

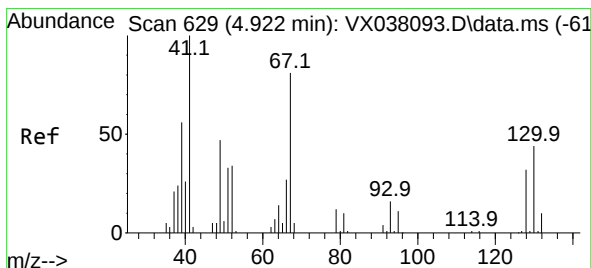
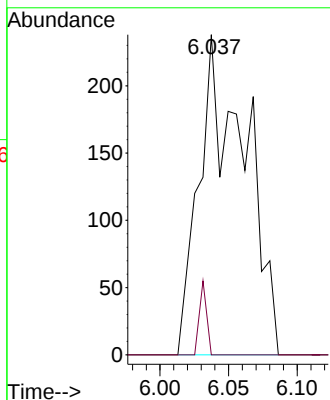
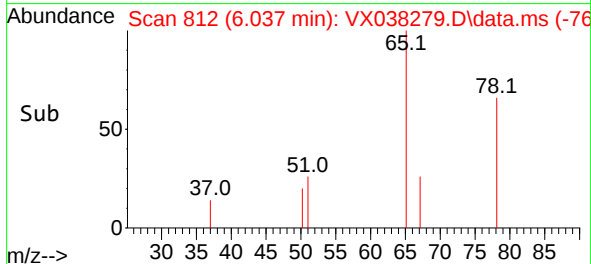
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 78 Resp: 550
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9

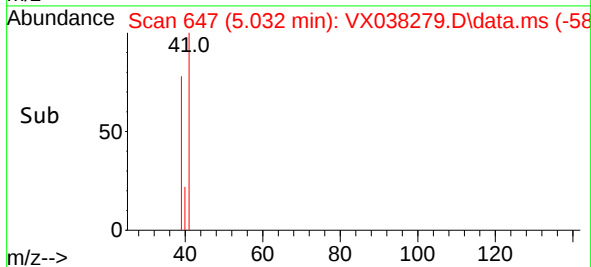
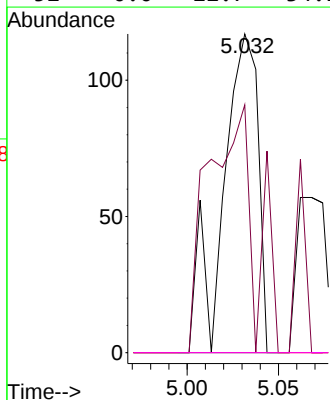
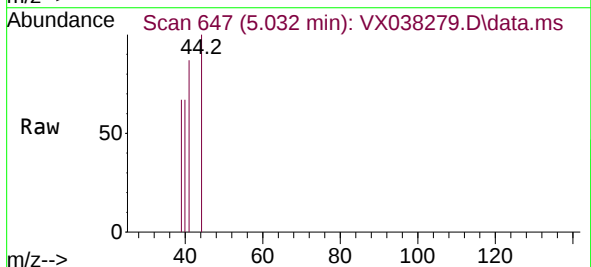
Manual Integrations
APPROVED

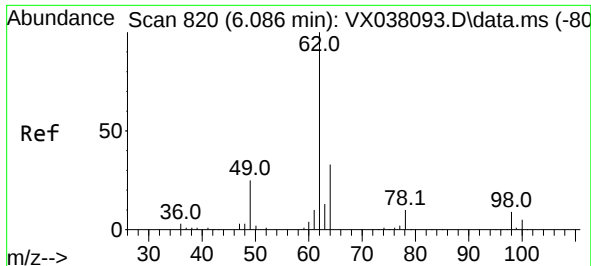
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#41
Methacrylonitrile
Concen: 0.124 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 41 Resp: 157
Ion Ratio Lower Upper
41 100
39 104.5 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.138 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX038279.D

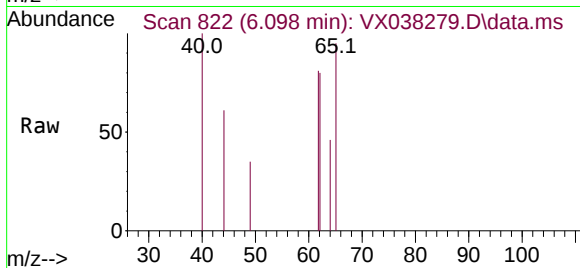
Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

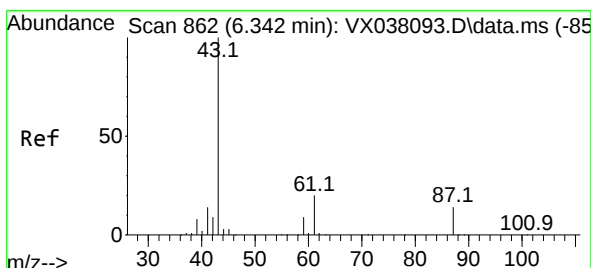
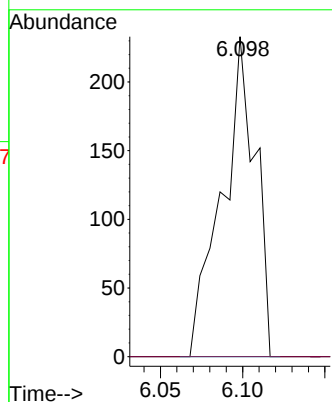


Tgt Ion:	62	Resp:	329
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0

Manual Integrations

APPROVED

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



#43

Isopropyl Acetate

Concen: 0.009 ug/l

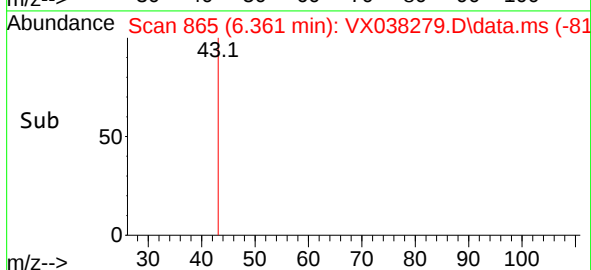
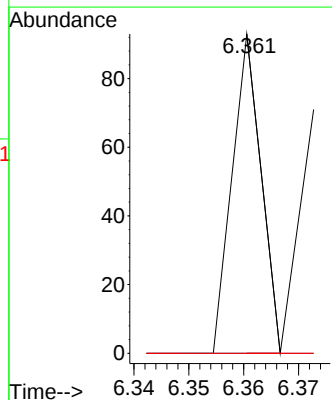
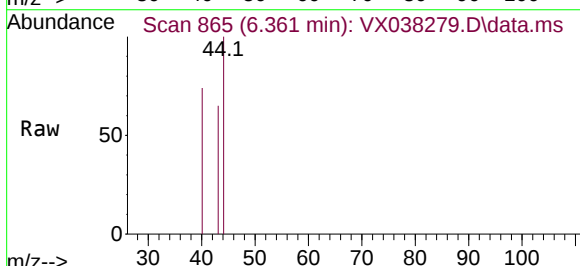
RT: 6.361 min Scan# 865

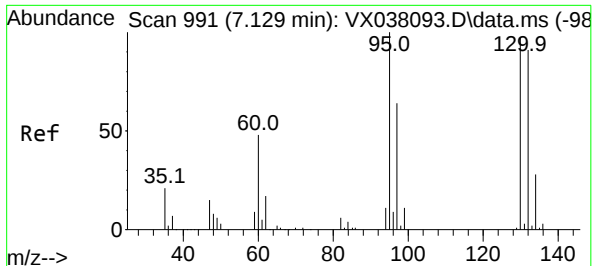
Delta R.T. 0.019 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

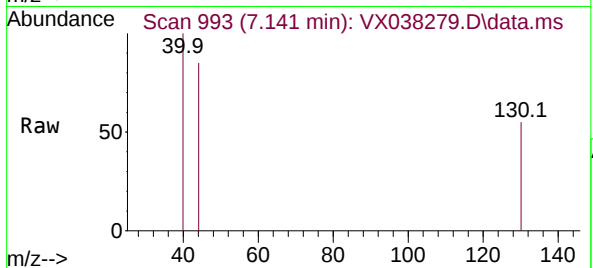
Tgt Ion:	43	Resp:	34
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8#
87	0.0	9.8	14.6#





#44
Trichloroethene
Concen: 0.068 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

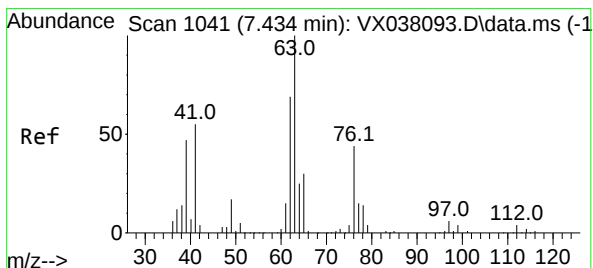
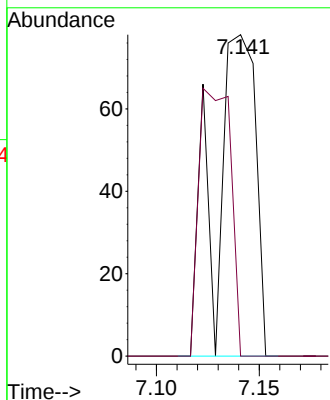
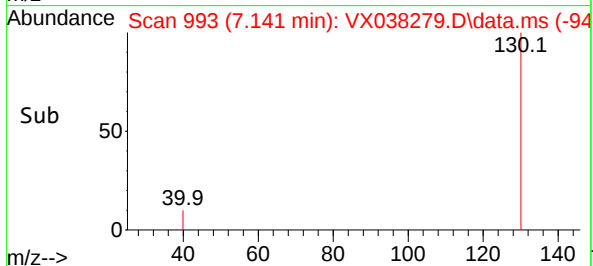
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



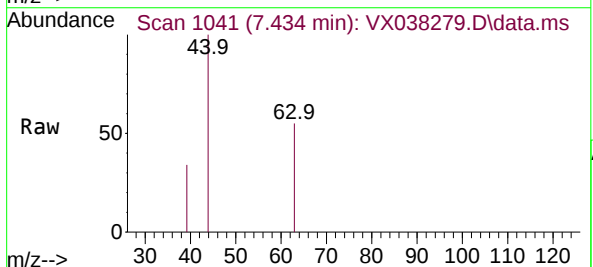
Tgt Ion:130 Resp: 100
Ion Ratio Lower Upper
130 100
95 0.0 0.0 204.4

Manual Integrations
APPROVED

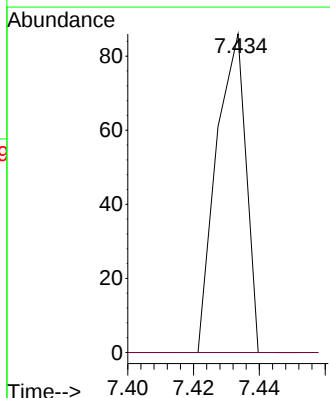
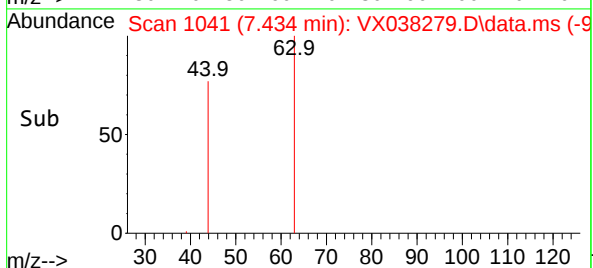
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

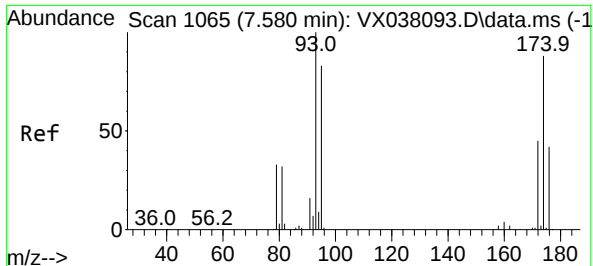


#45
1,2-Dichloropropane
Concen: 0.035 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



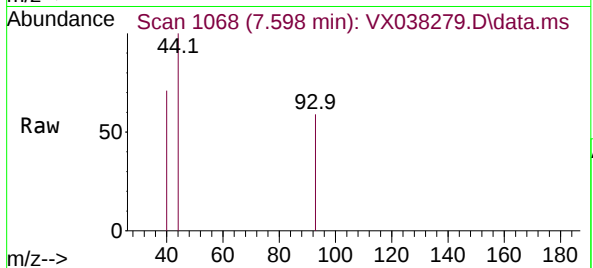
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#46
Dibromomethane
Concen: 0.043 ug/l
RT: 7.598 min Scan# 1104
Delta R.T. 0.018 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

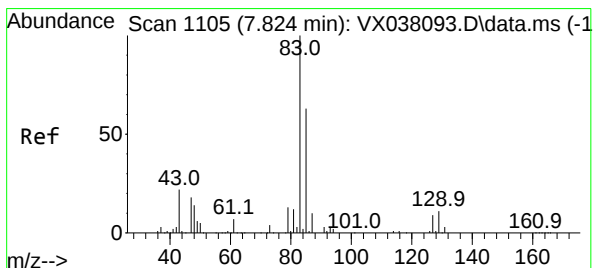
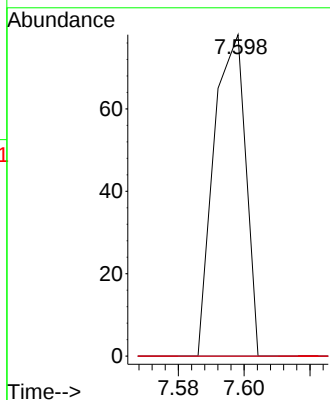
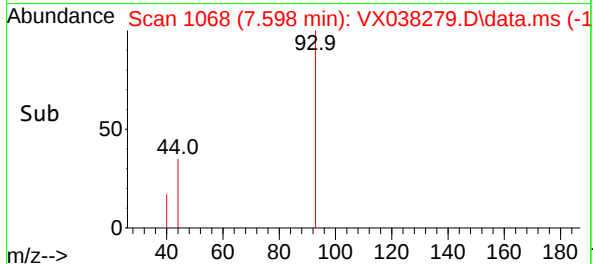
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



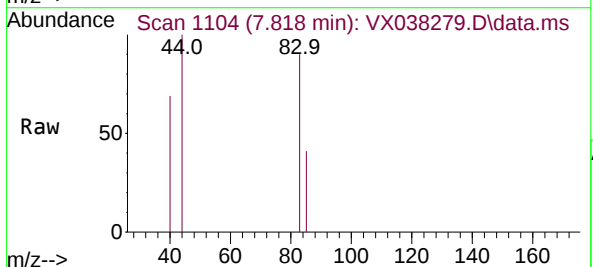
Tgt Ion: 93 Resp: 52
Ion Ratio Lower Upper
93 100
95 0.0 66.6 100.0#
174 0.0 69.4 104.0#

Manual Integrations
APPROVED

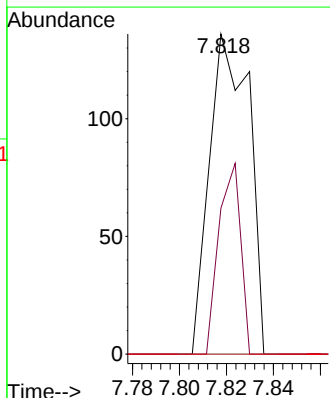
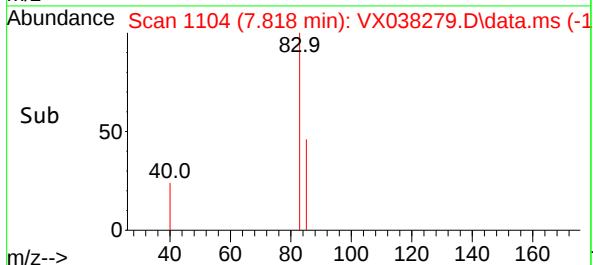
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

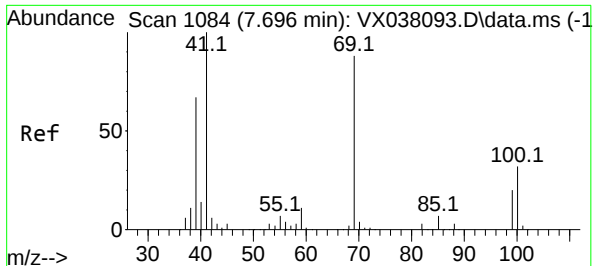


#47
Bromodichloromethane
Concen: 0.075 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion: 83 Resp: 160
Ion Ratio Lower Upper
83 100
85 45.6 49.8 74.6#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.011 ug/l

RT: 7.415 min Scan# 1084

Delta R.T. -0.275 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

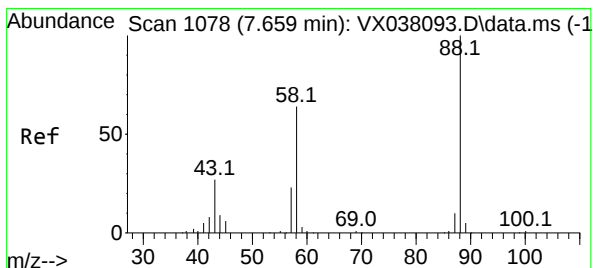
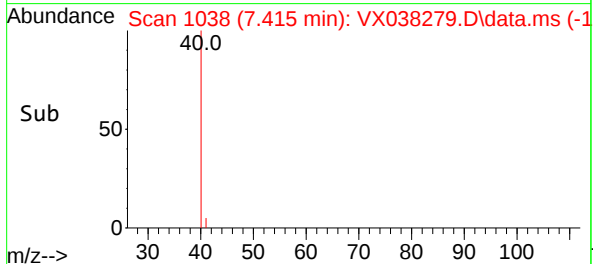
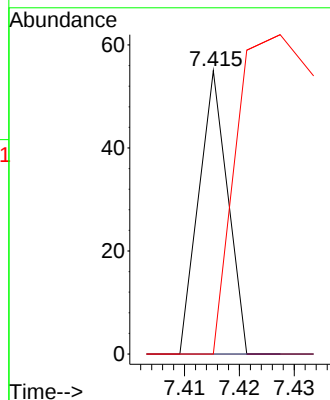
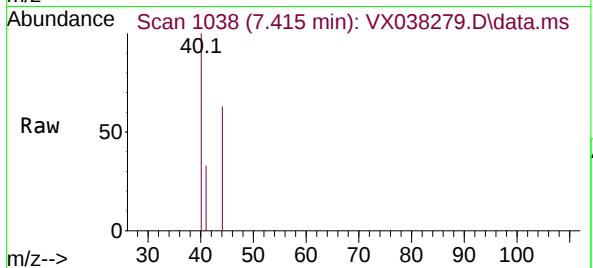
Tgt Ion: 41	Resp: 20
Ion Ratio	Lower Upper
41 100	
69 0.0	59.2 88.8
39 0.0	47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#49

1,4-Dioxane

Concen: 0.448 ug/l

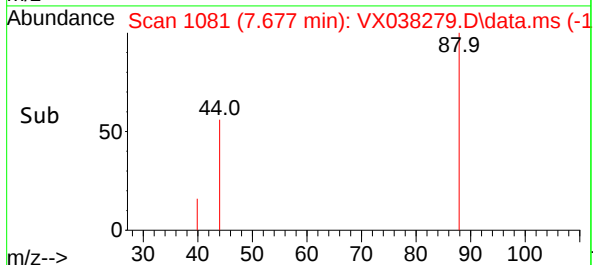
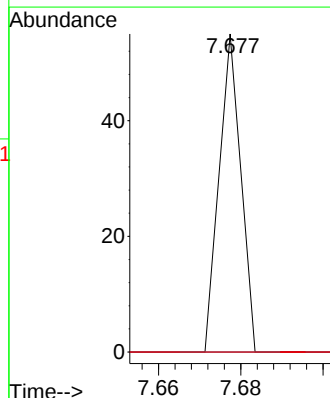
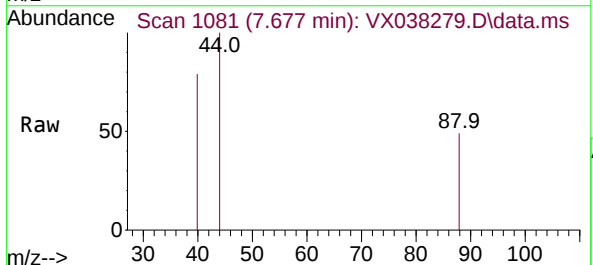
RT: 7.677 min Scan# 1081

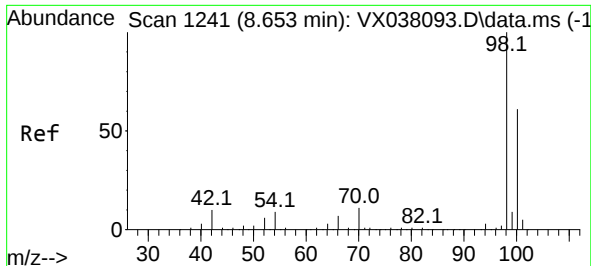
Delta R.T. 0.018 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 88	Resp: 20
Ion Ratio	Lower Upper
88 100	
43 0.0	0.0 0.0
58 0.0	60.1 90.1#





#50

Toluene-d8

Concen: 47.954 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 98 Resp: 284118

Ion Ratio Lower Upper

98 100

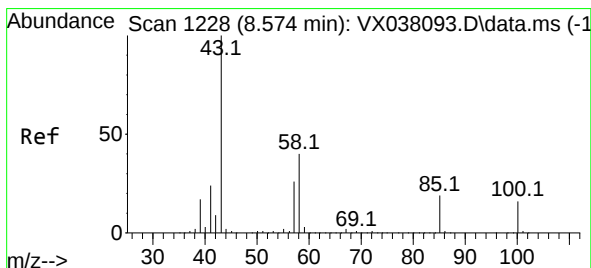
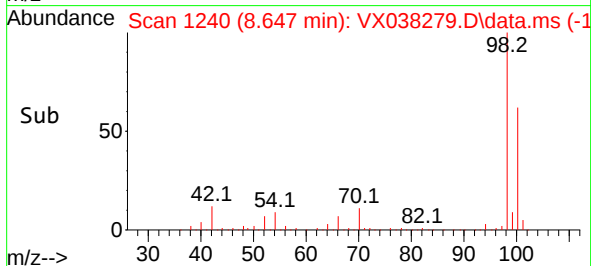
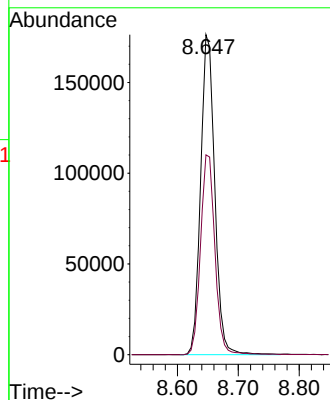
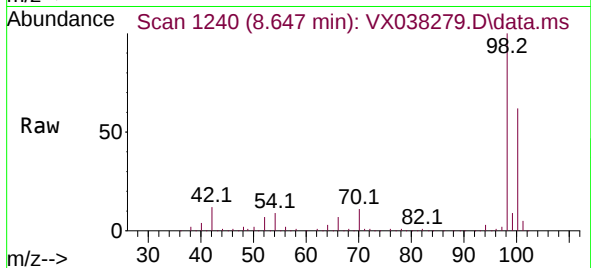
100 63.6 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#51

4-Methyl-2-Pentanone

Concen: 0.335 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038279.D

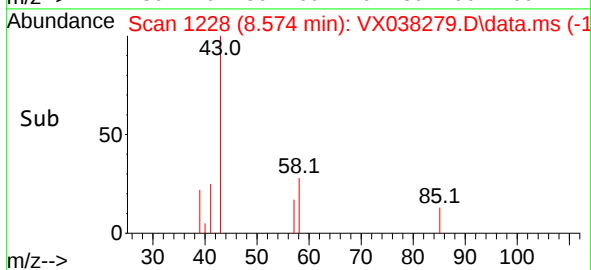
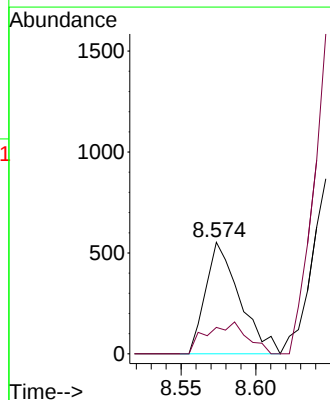
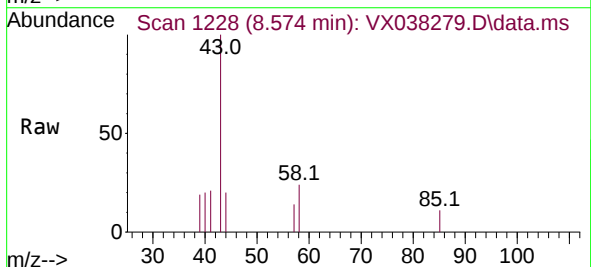
Acq: 13 Oct 2023 12:33

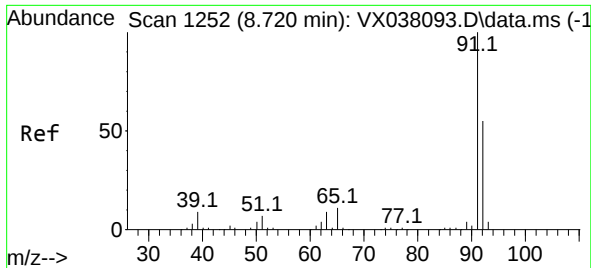
Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 33.7 30.4 45.6





#52

Toluene

Concen: 0.097 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 92 Resp: 378

Ion Ratio Lower Upper

92 100

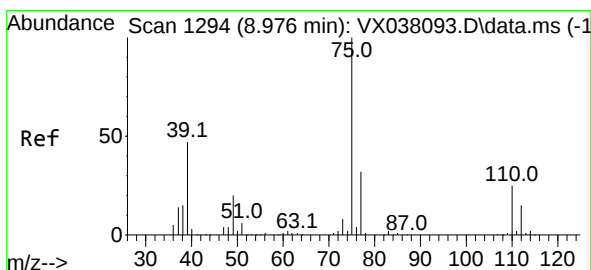
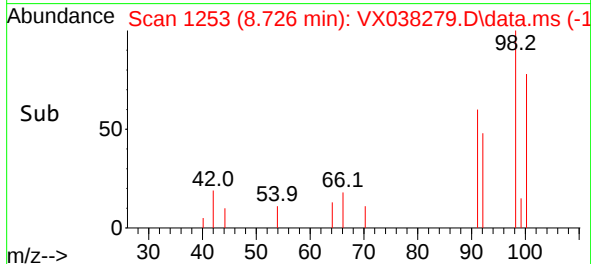
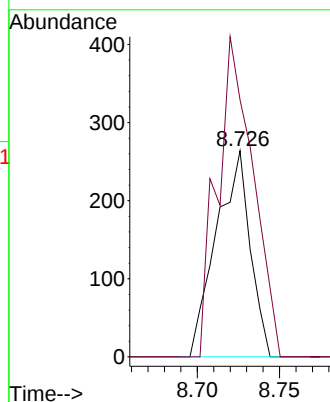
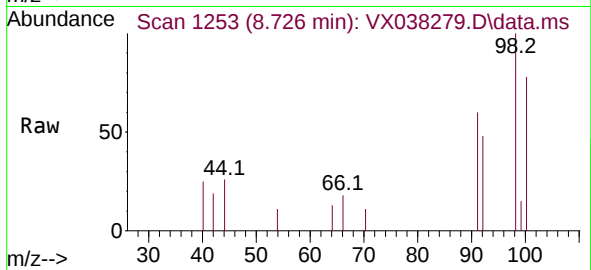
91 164.0 134.2 201.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#53

t-1,3-Dichloropropene

Concen: 0.059 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX038279.D

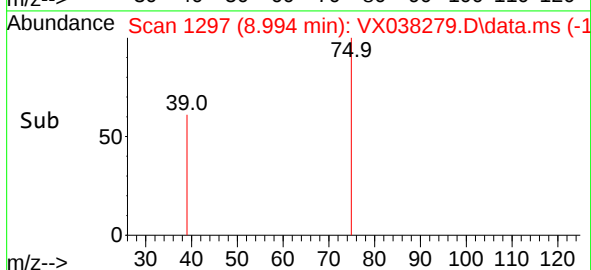
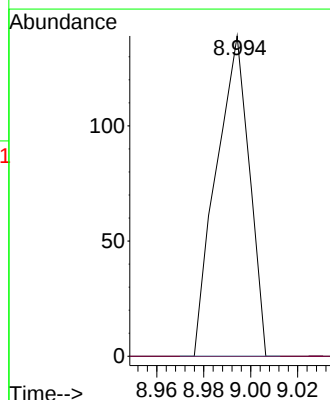
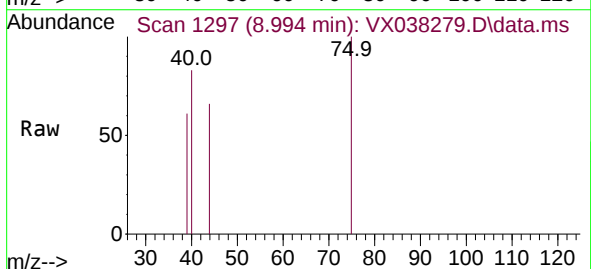
Acq: 13 Oct 2023 12:33

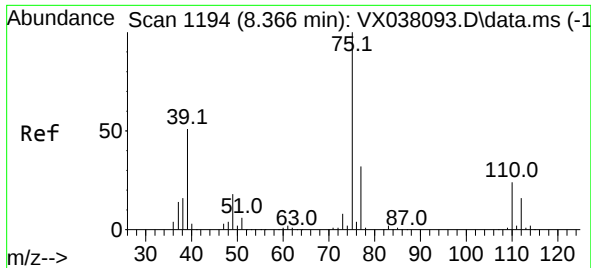
Tgt Ion: 75 Resp: 136

Ion Ratio Lower Upper

75 100

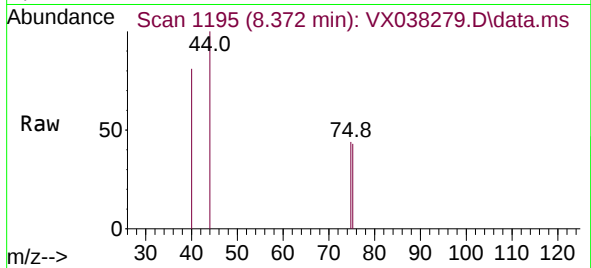
77 0.0 25.7 38.5#





#54
cis-1,3-Dichloropropene
Concen: 0.058 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

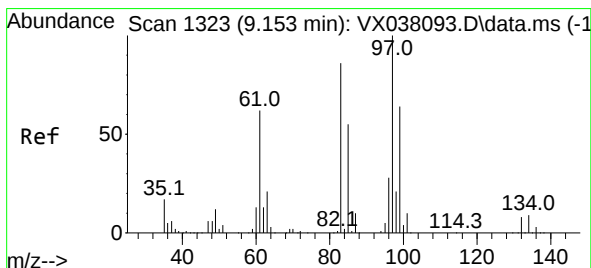
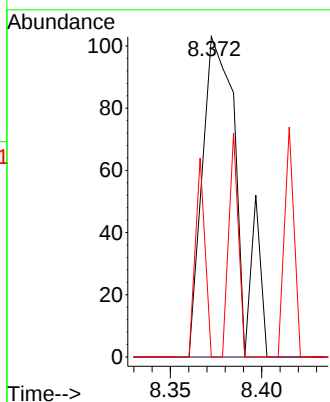
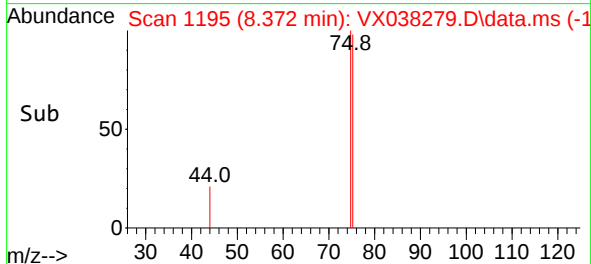
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 0.0 46.7 70.1#

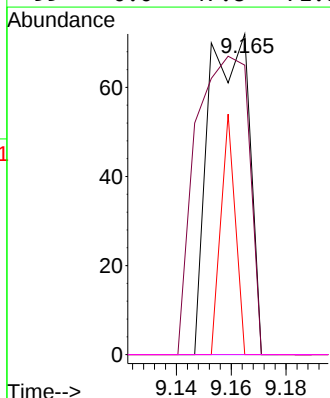
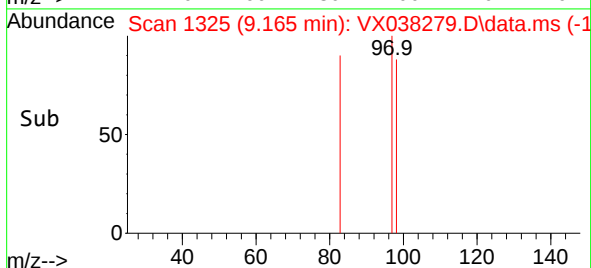
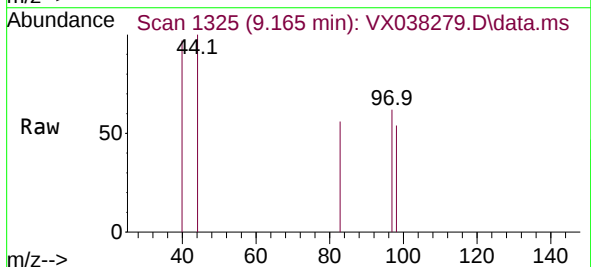
Manual Integrations
APPROVED

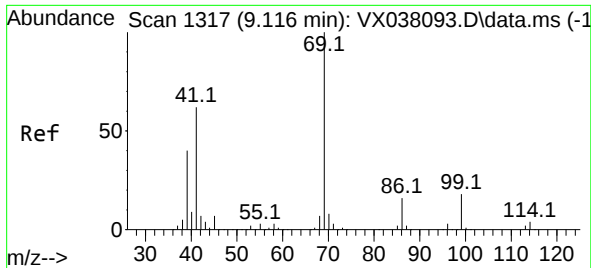
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#55
1,1,2-Trichloroethane
Concen: 0.044 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

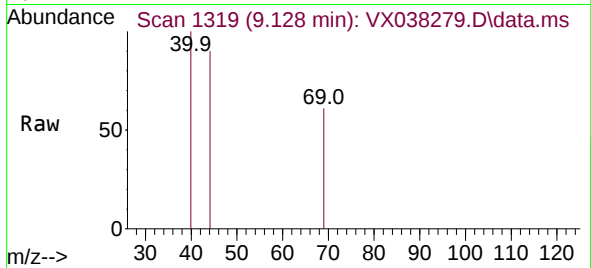
Tgt Ion: 97 Resp: 74
Ion Ratio Lower Upper
97 100
83 90.3 65.8 98.8
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#





#56
Ethyl methacrylate
Concen: 0.022 ug/l
RT: 9.128 min Scan# 1317
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

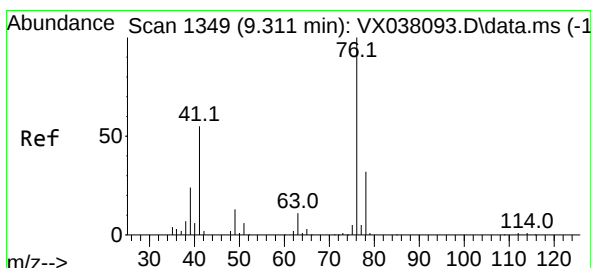
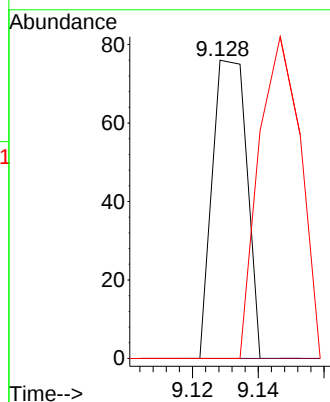
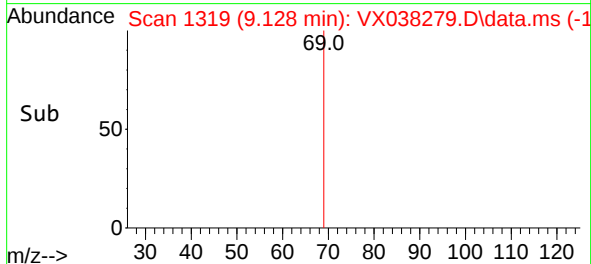
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 69 Resp: 58
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2
39 130.9 32.0 48.0

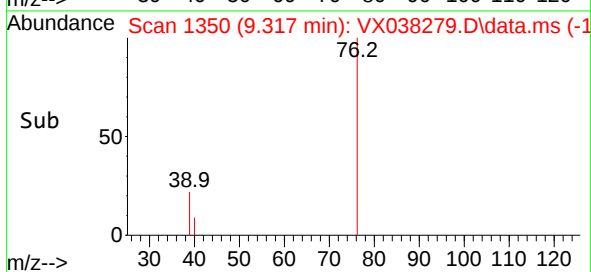
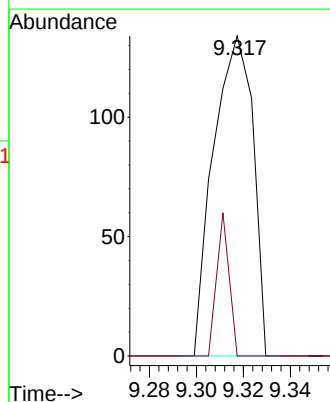
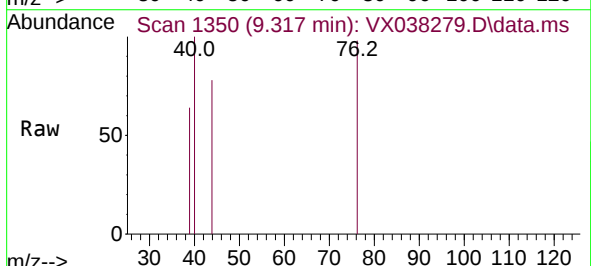
Manual Integrations
APPROVED

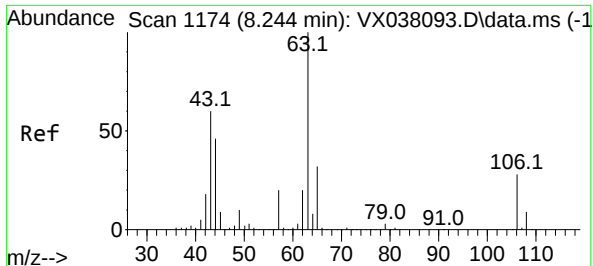
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#57
1,3-Dichloropropane
Concen: 0.058 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

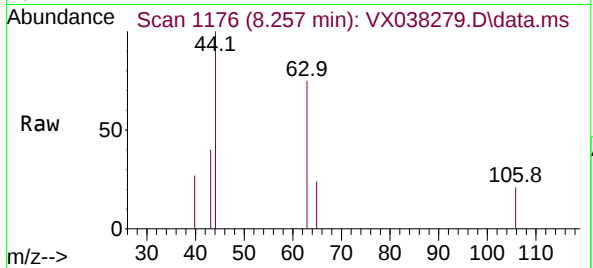
Tgt Ion: 76 Resp: 157
Ion Ratio Lower Upper
76 100
78 14.0 26.1 39.1





#58
2-Chloroethyl Vinyl ether
Concen: 0.315 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

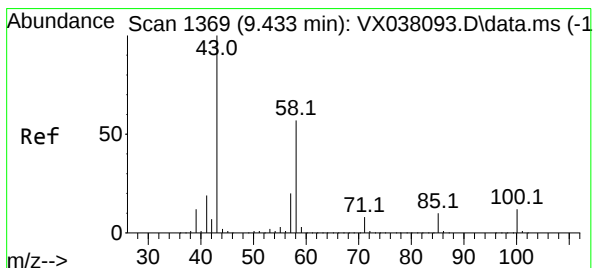
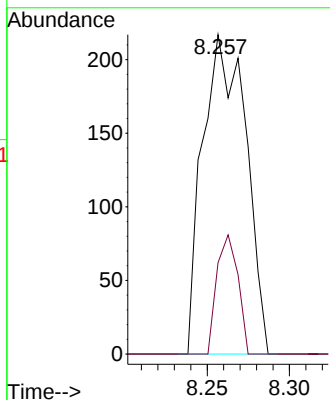
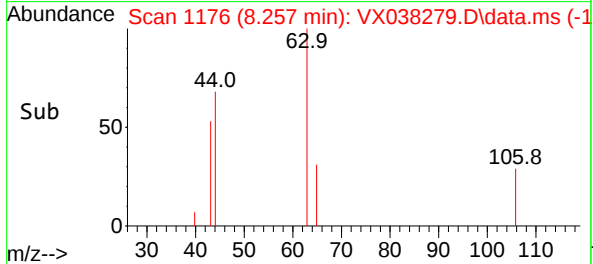
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 63 Resp: 399
Ion Ratio Lower Upper
63 100
106 18.2 22.5 33.7

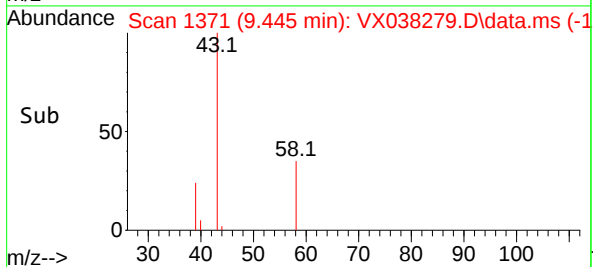
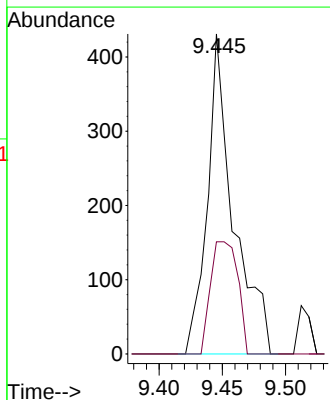
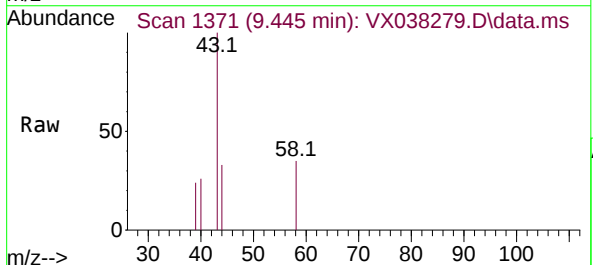
Manual Integrations
APPROVED

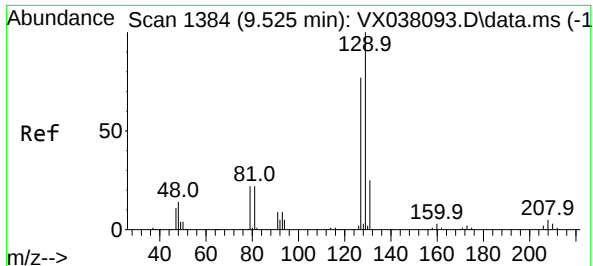
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#59
2-Hexanone
Concen: 0.294 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
58 36.5 26.2 78.5





#60

Dibromochloromethane

Concen: 0.028 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

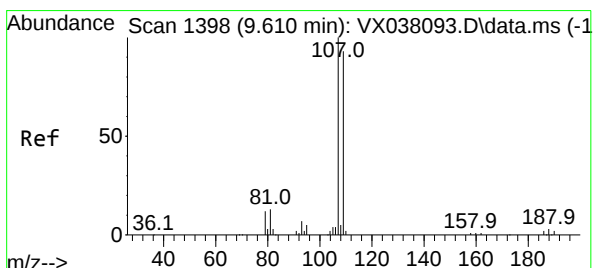
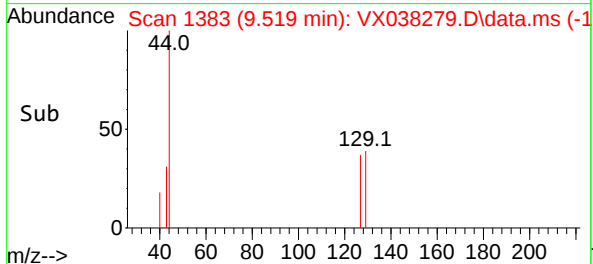
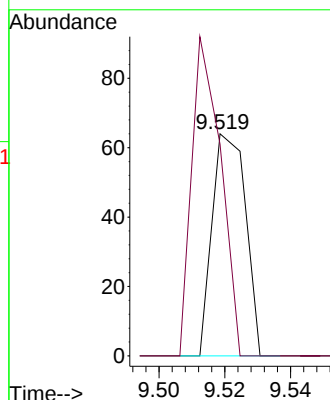
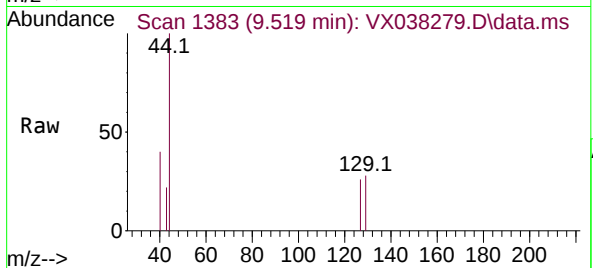
MDL-WATER-03-QT4-2023

Tgt Ion:129 Resp: 45
 Ion Ratio Lower Upper
 129 100
 127 124.4 38.8 116.4

Manual Integrations

APPROVED

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



#61

1,2-Dibromoethane

Concen: 0.060 ug/l

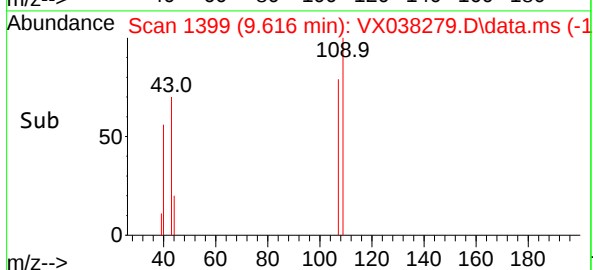
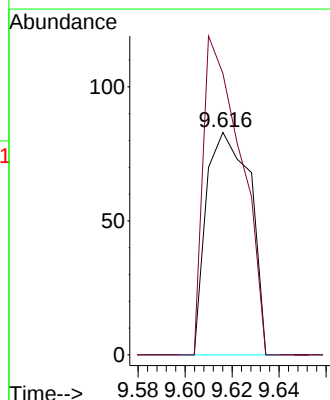
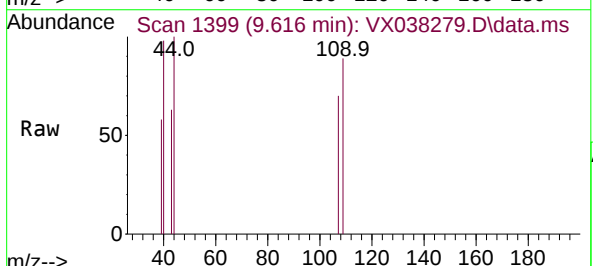
RT: 9.616 min Scan# 1399

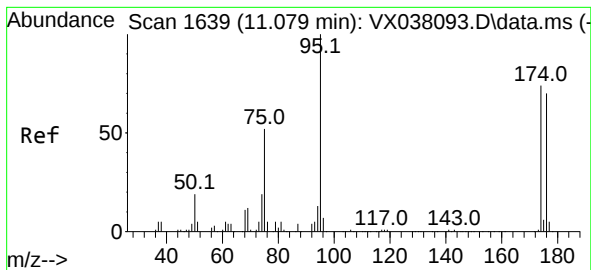
Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

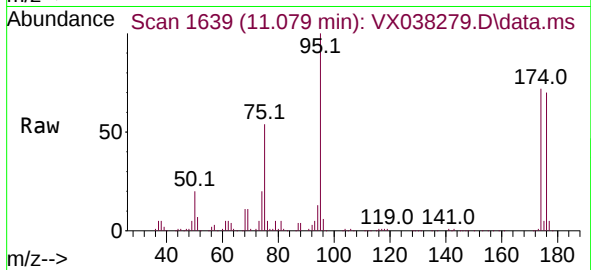
Tgt Ion:107 Resp: 108
 Ion Ratio Lower Upper
 107 100
 109 122.2 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 46.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

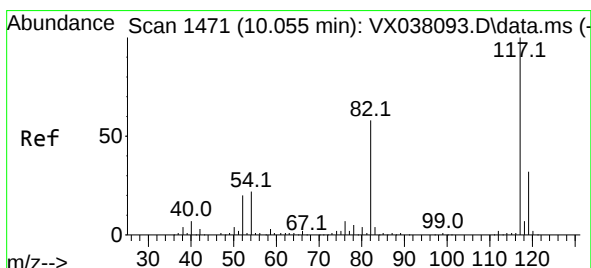
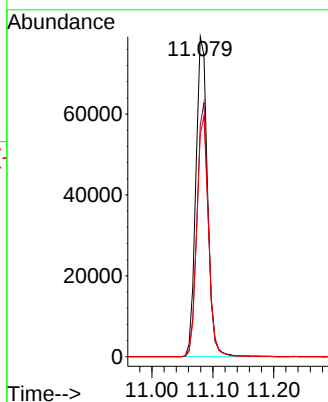
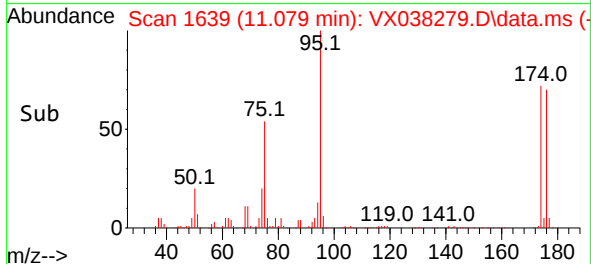
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



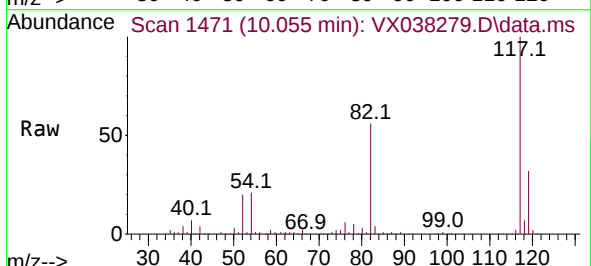
Tgt Ion: 95 Resp: 10510
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 74.8 0.0 131.0

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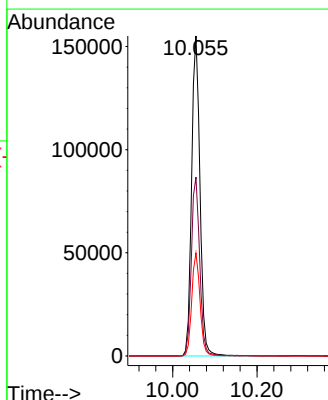
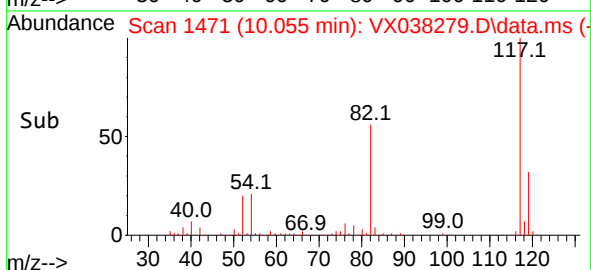
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

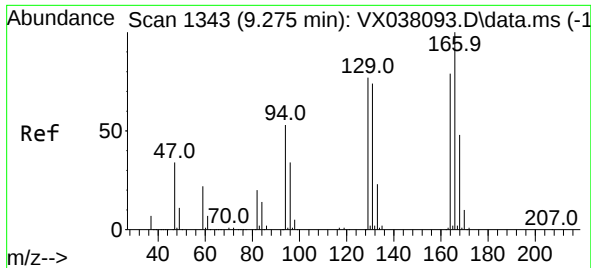


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



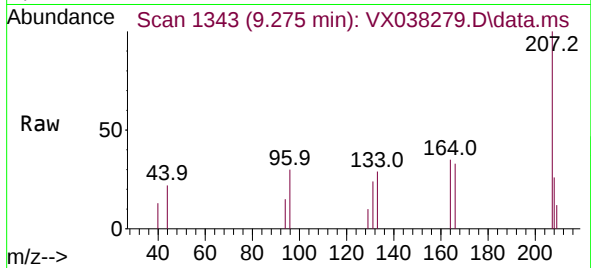
Tgt Ion:117 Resp: 213813
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.2 25.5 38.3





#64
Tetrachloroethene
Concen: 0.123 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

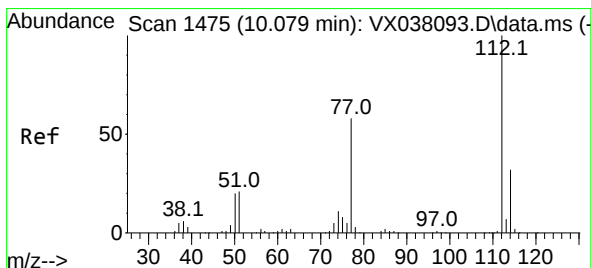
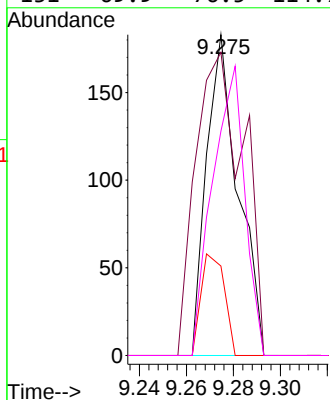
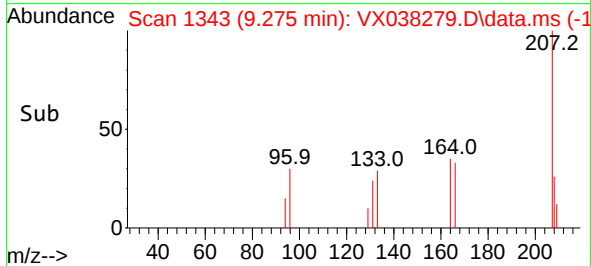
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:164 Resp: 170
Ion Ratio Lower Upper
164 100
166 94.5 102.7 154.1
129 27.9 80.4 120.6
131 69.9 76.5 114.7

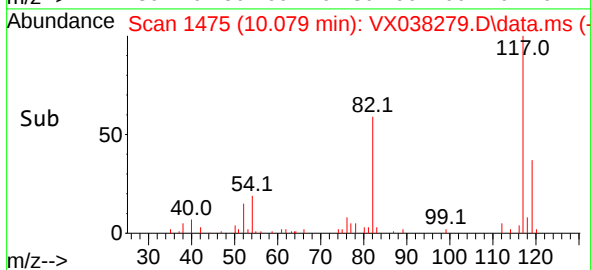
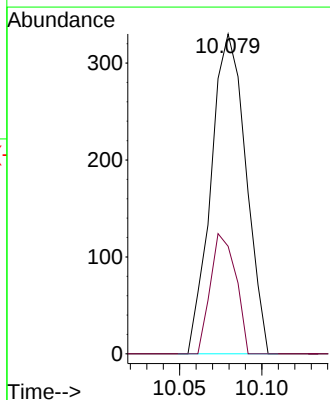
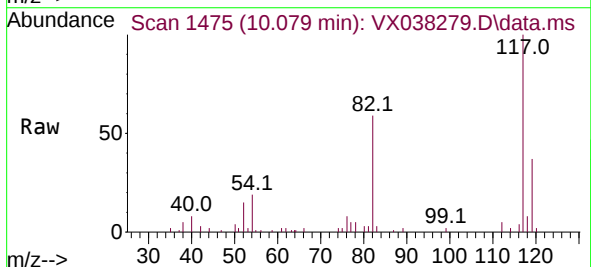
Manual Integrations
APPROVED

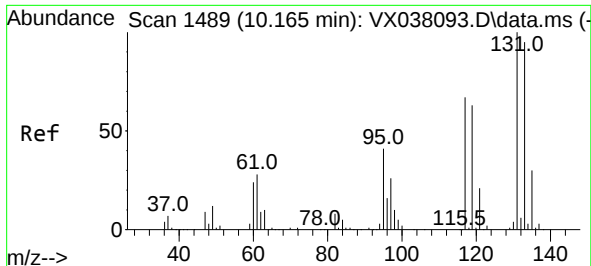
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#65
Chlorobenzene
Concen: 0.109 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:112 Resp: 488
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5





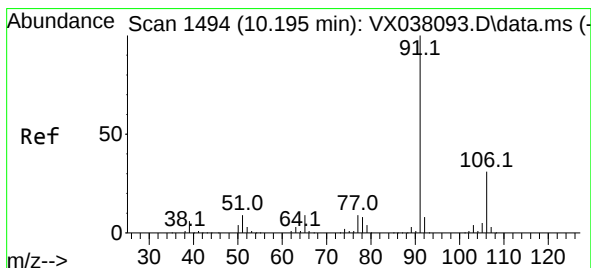
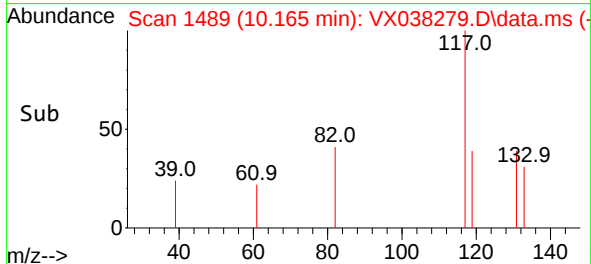
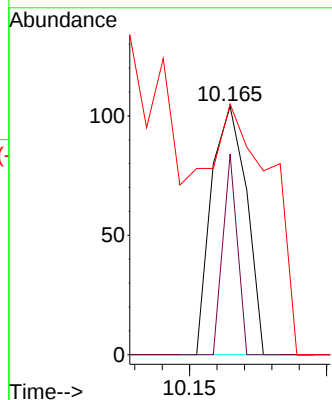
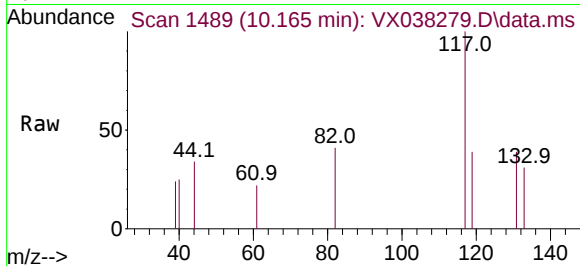
#66
1,1,1,2-Tetrachloroethane
Concen: 0.061 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

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

Tgt Ion:131 Resp: 91
Ion Ratio Lower Upper
131 100
133 33.3 47.1 141.4
119 0.0 32.2 96.6

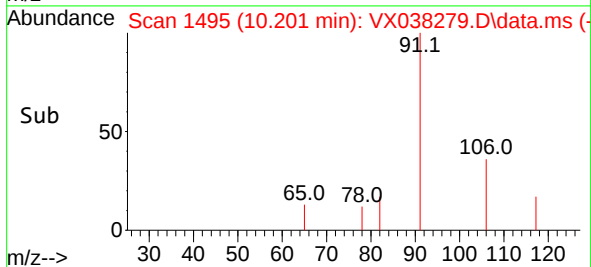
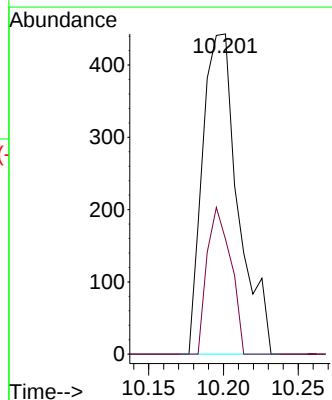
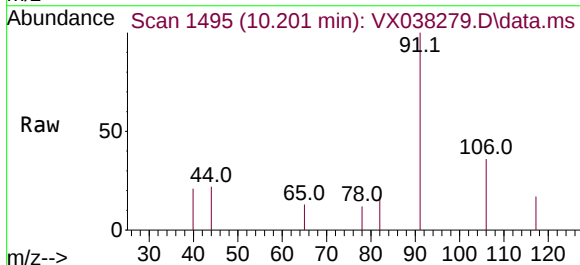
Manual Integrations
APPROVED

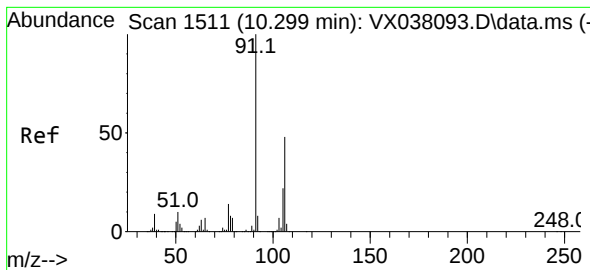
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#67
Ethyl Benzene
Concen: 0.092 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

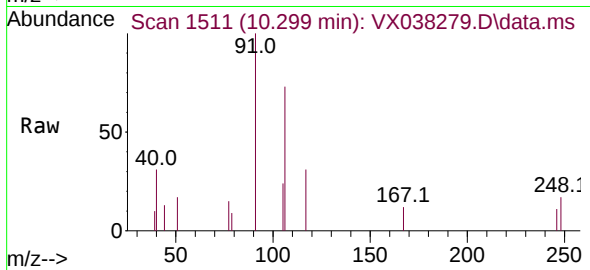
Tgt Ion: 91 Resp: 734
Ion Ratio Lower Upper
91 100
106 35.9 24.9 37.3





#68
m/p-Xylenes
Concen: 0.177 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

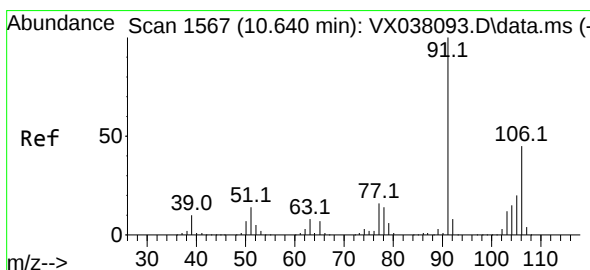
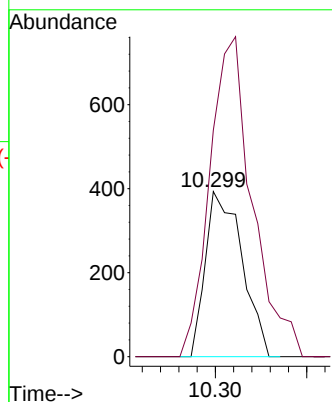
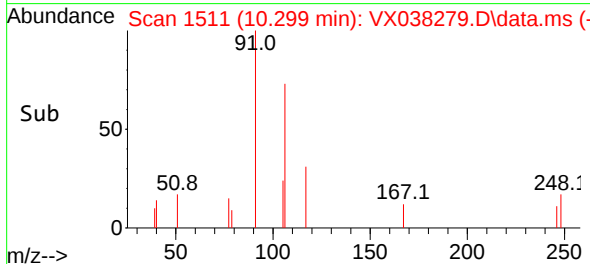
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



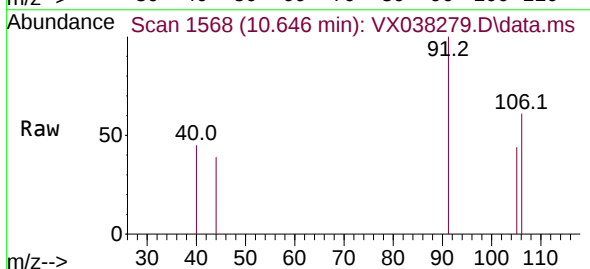
Tgt Ion:106 Resp: 54
Ion Ratio Lower Upper
106 100
91 225.2 165.5 248.3

Manual Integrations
APPROVED

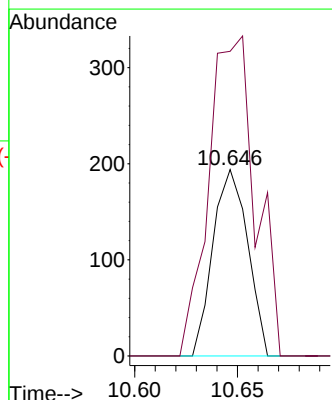
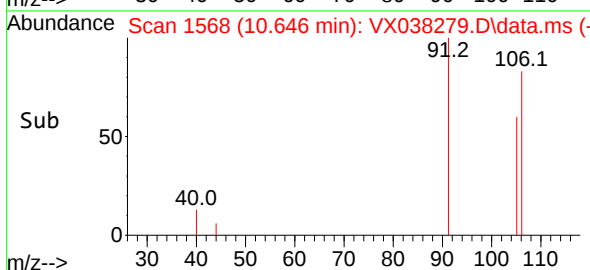
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

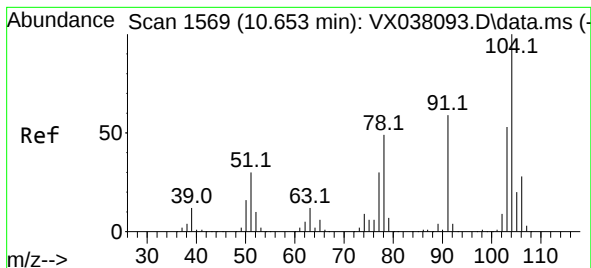


#69
o-Xylene
Concen: 0.076 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion:106 Resp: 228
Ion Ratio Lower Upper
106 100
91 230.7 108.9 326.8





#70

Styrene

Concen: 0.064 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

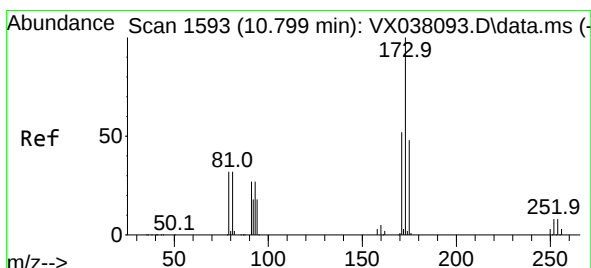
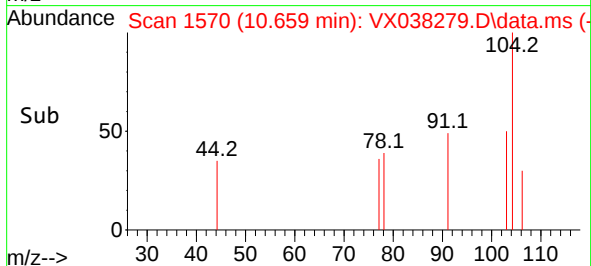
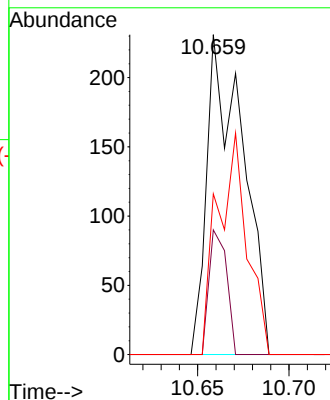
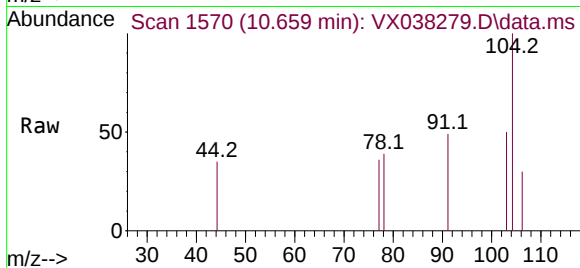
Tgt Ion:104	Resp:	315
Ion Ratio	Lower	Upper
104	100	
78	19.0	43.6 65.4
103	56.8	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#71

Bromoform

Concen: 0.017 ug/l m

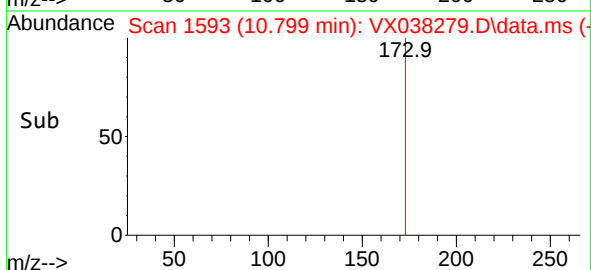
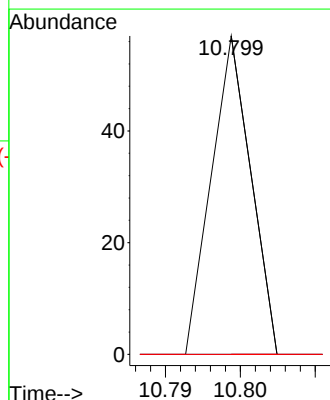
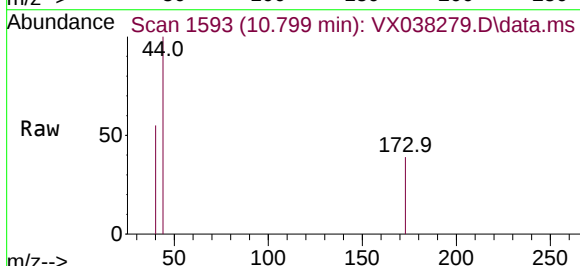
RT: 10.799 min Scan# 1593

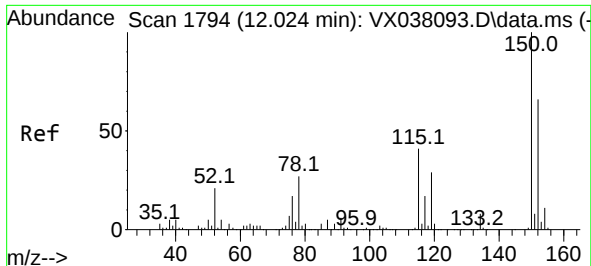
Delta R.T. -0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

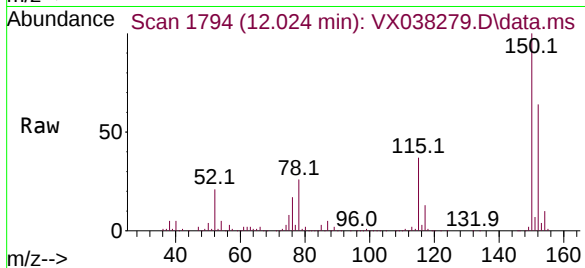
Tgt Ion:173	Resp:	21
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.4
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

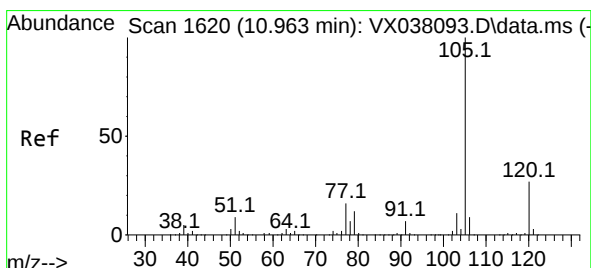
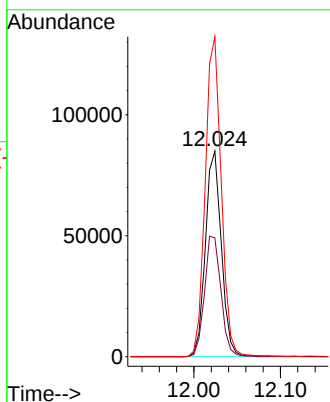
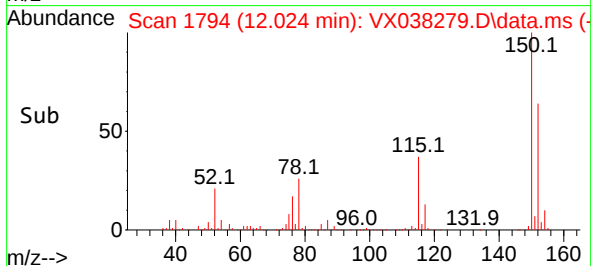
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



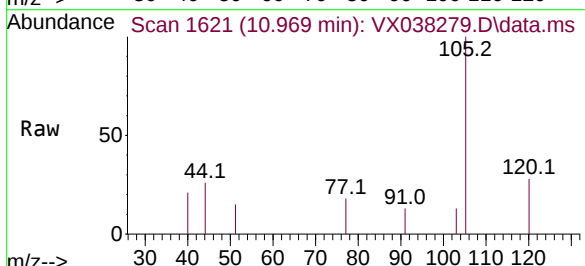
Tgt Ion:152 Resp: 108709
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 156.2 0.0 345.0

Manual Integrations
APPROVED

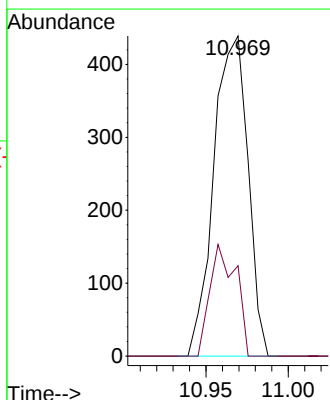
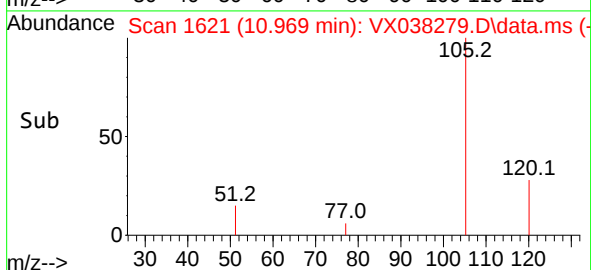
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

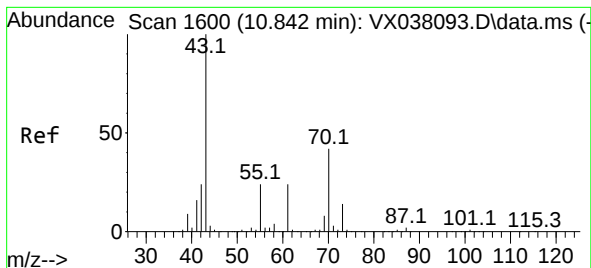


#73
Isopropylbenzene
Concen: 0.087 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



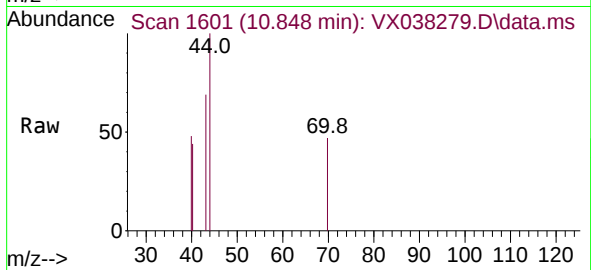
Tgt Ion:105 Resp: 634
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6





#74
N-amy1 acetate
Concen: 0.019 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

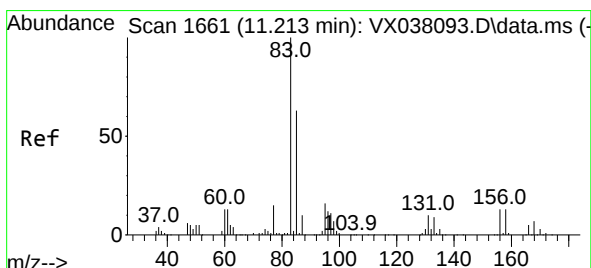
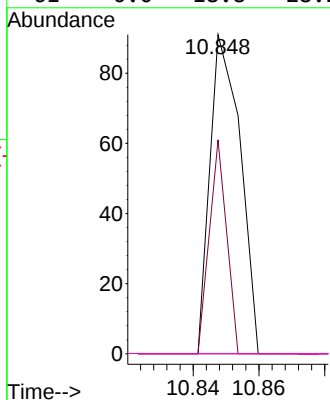
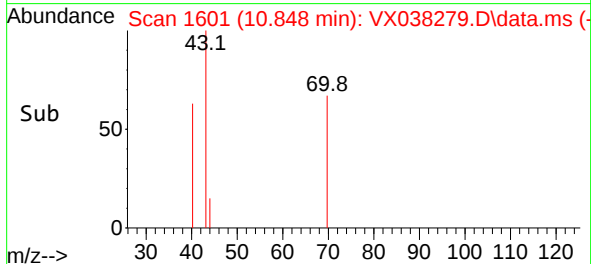
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



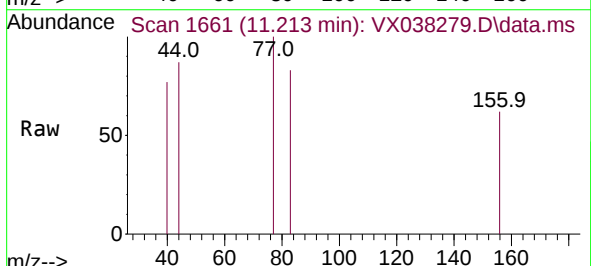
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#

Manual Integrations
APPROVED

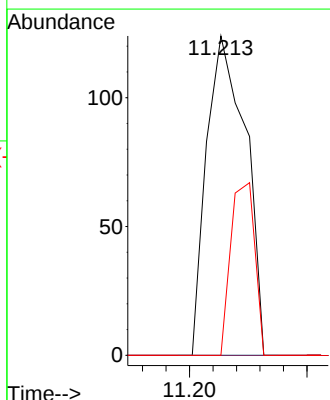
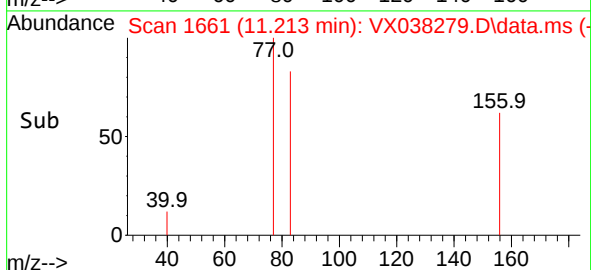
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

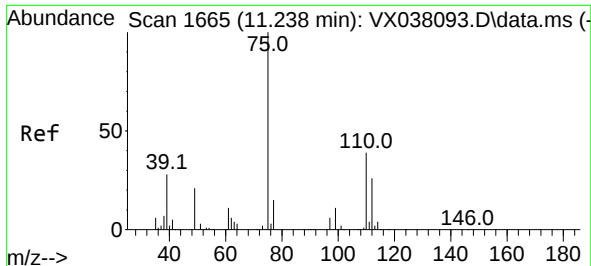


#75
1,1,2,2-Tetrachloroethane
Concen: 0.053 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



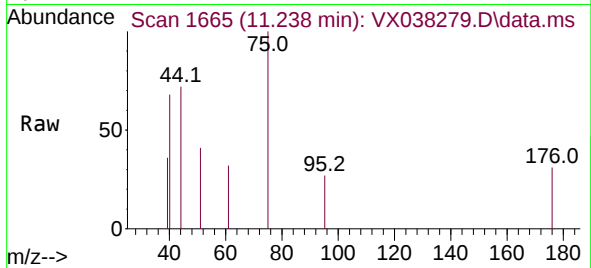
Tgt Ion: 83 Resp: 143
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 33.6 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 0.106 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

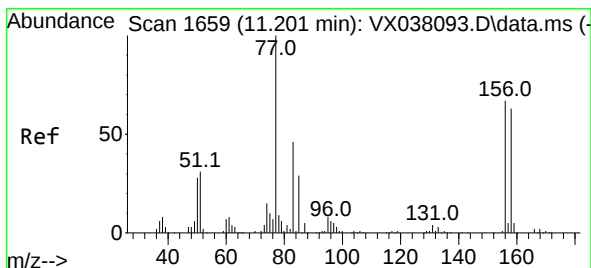
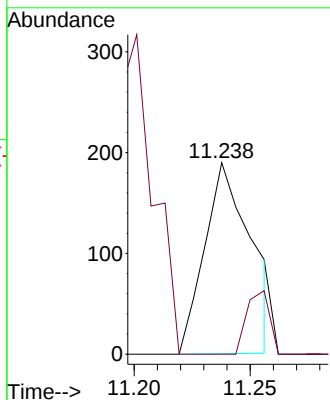
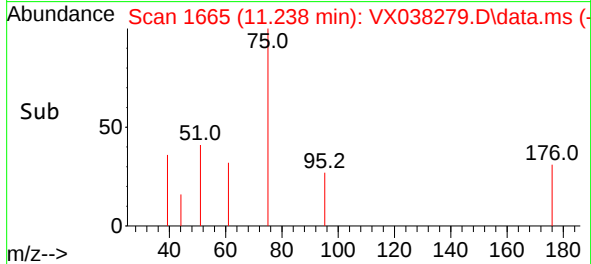
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



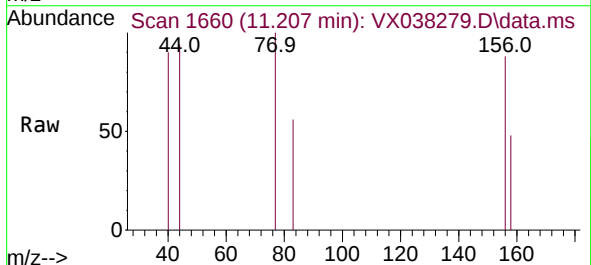
Tgt Ion: 75 Resp: 262
Ion Ratio Lower Upper
75 100
77 224.0 19.1 57.5

Manual Integrations
APPROVED

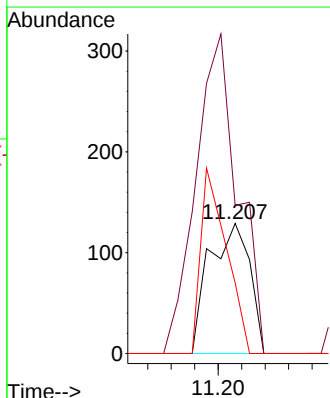
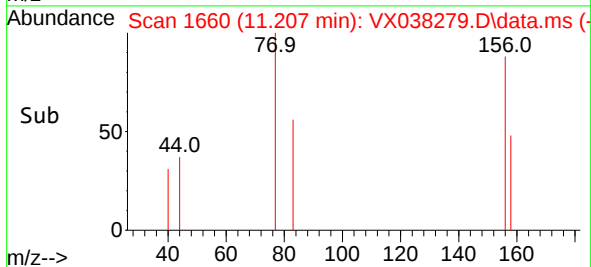
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

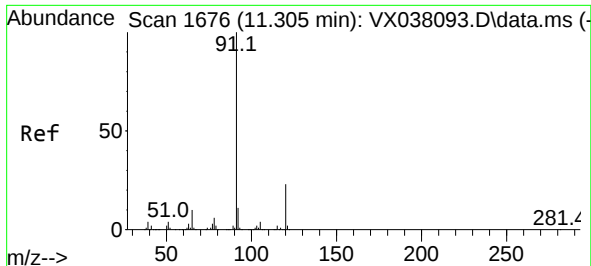


#77
Bromobenzene
Concen: 0.087 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



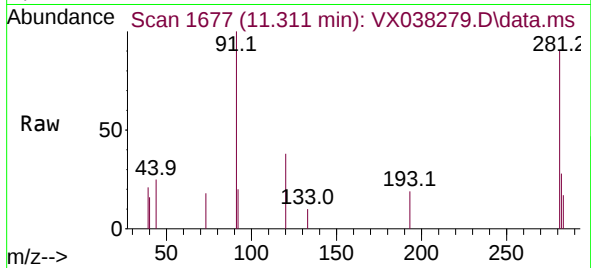
Tgt Ion:156 Resp: 154
Ion Ratio Lower Upper
156 100
77 255.8 88.4 265.3
158 90.3 48.0 144.0





#78
n-propylbenzene
Concen: 0.090 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

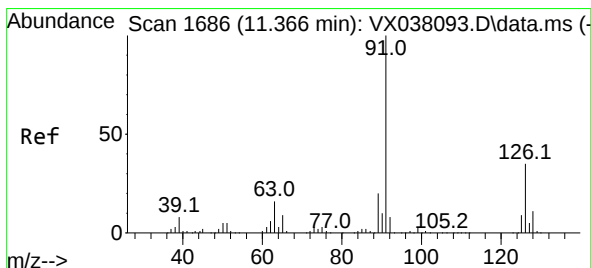
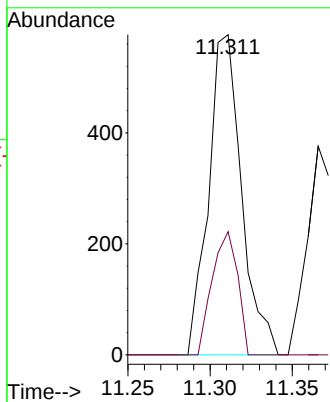
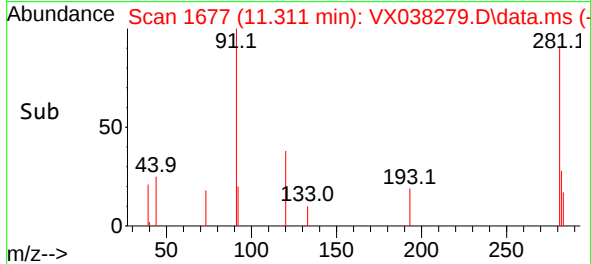
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 91 Resp: 809
Ion Ratio Lower Upper
91 100
120 29.6 11.5 34.4

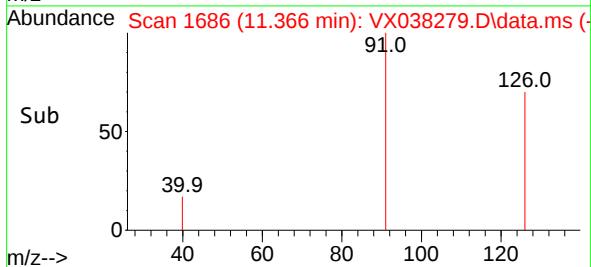
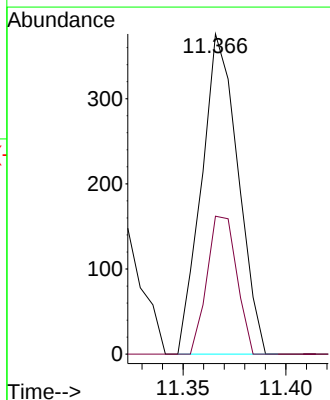
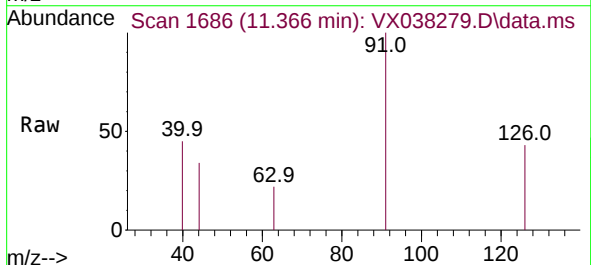
Manual Integrations
APPROVED

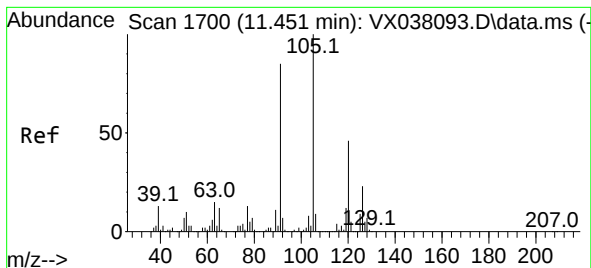
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#79
2-Chlorotoluene
Concen: 0.088 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 91 Resp: 463
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.102 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

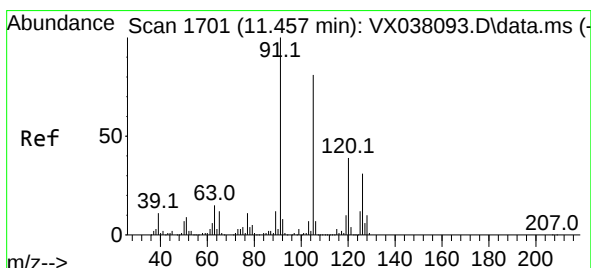
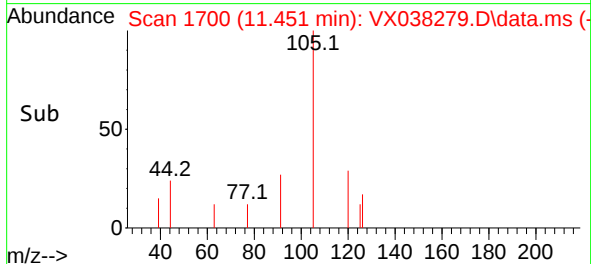
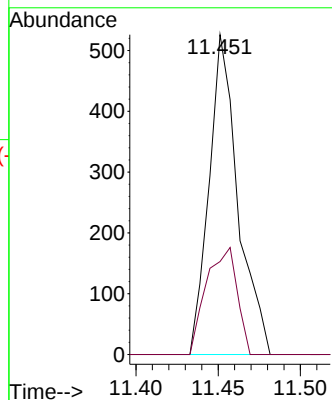
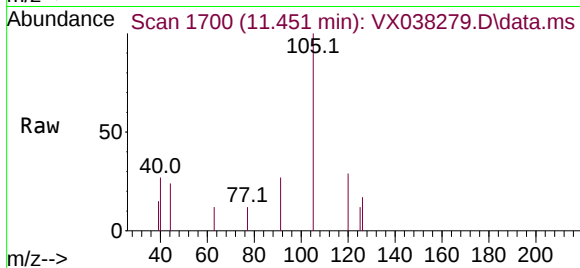
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 64
 Ion Ratio Lower Upper
 105 100
 120 35.6 24.1 72.3

Manual Integrations

APPROVED

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



#82

4-Chlorotoluene

Concen: 0.100 ug/l

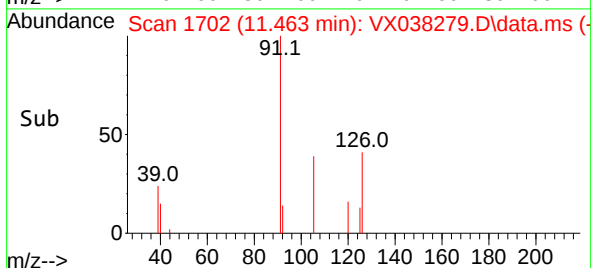
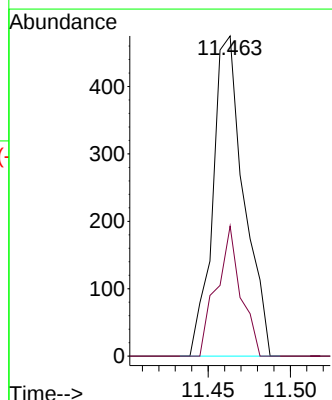
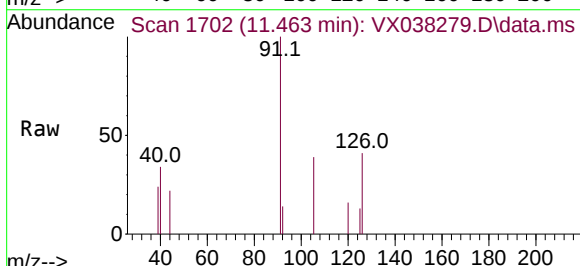
RT: 11.463 min Scan# 1702

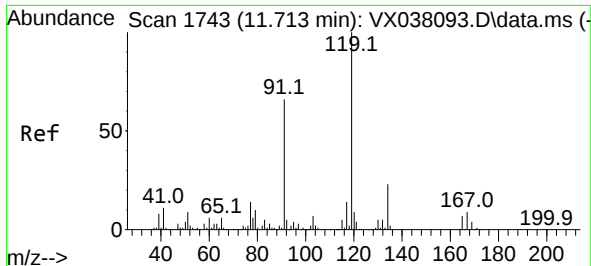
Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

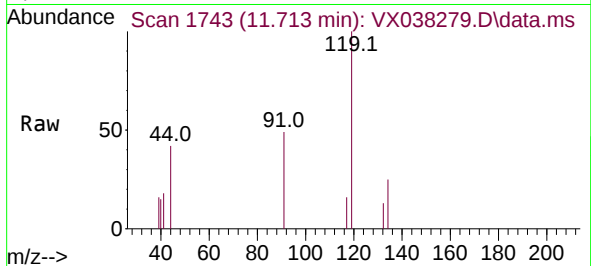
Tgt Ion: 91 Resp: 624
 Ion Ratio Lower Upper
 91 100
 126 31.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.092 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

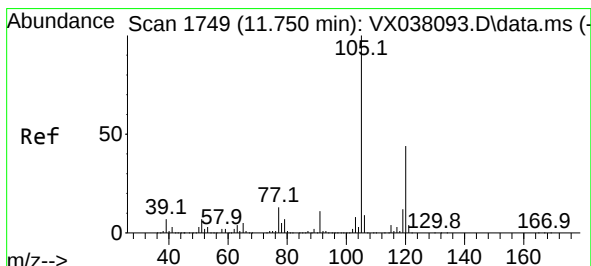
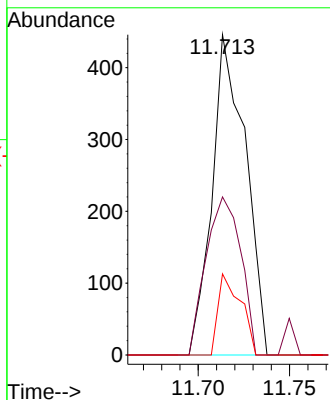
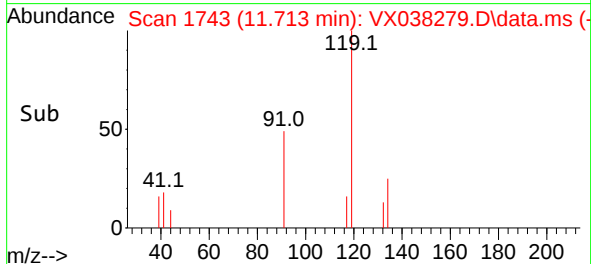
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



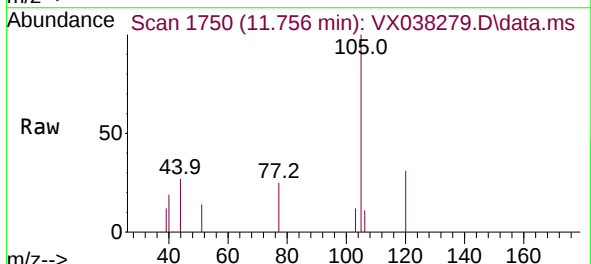
Tgt Ion:119 Resp: 561
Ion Ratio Lower Upper
119 100
91 51.3 31.2 93.6
134 17.1 11.7 35.0

Manual Integrations
APPROVED

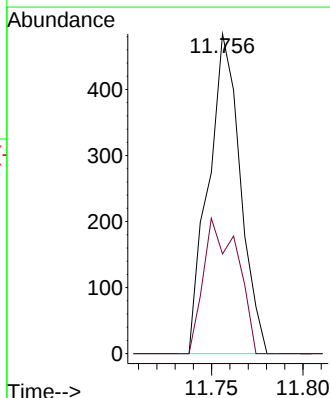
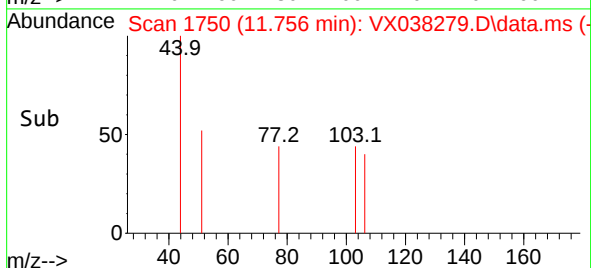
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

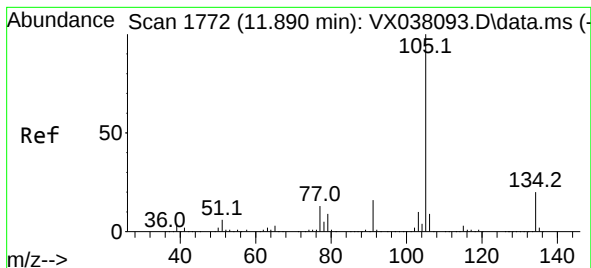


#84
1,2,4-Trimethylbenzene
Concen: 0.094 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion:105 Resp: 587
Ion Ratio Lower Upper
105 100
120 45.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.097 ug/l

RT: 11.896 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

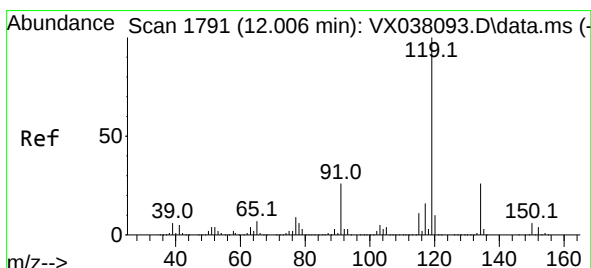
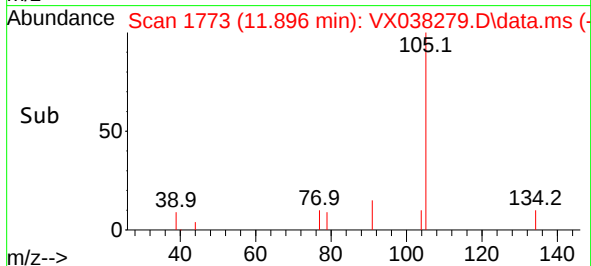
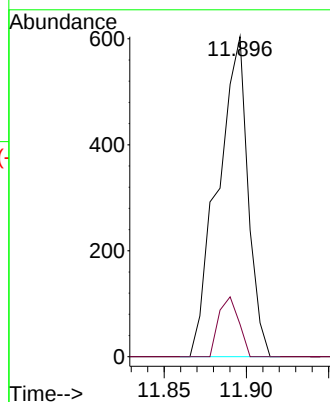
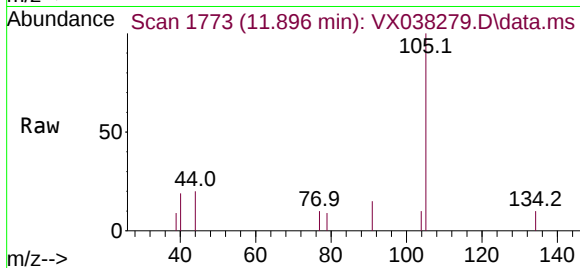
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 772
Ion Ratio Lower Upper
105 100
134 12.5 9.8 29.4

Manual Integrations

APPROVED

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



#86

p-Isopropyltoluene

Concen: 0.095 ug/l

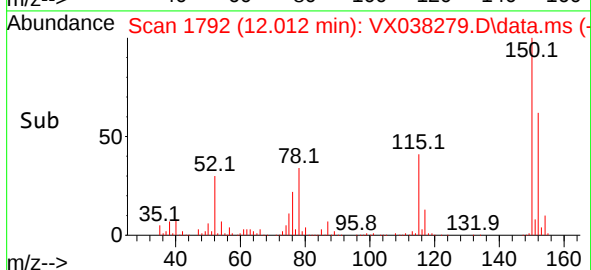
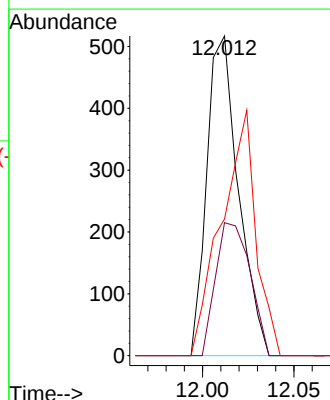
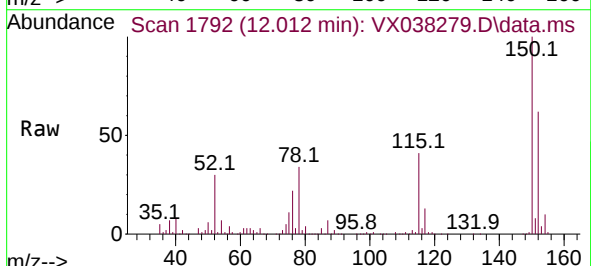
RT: 12.012 min Scan# 1792

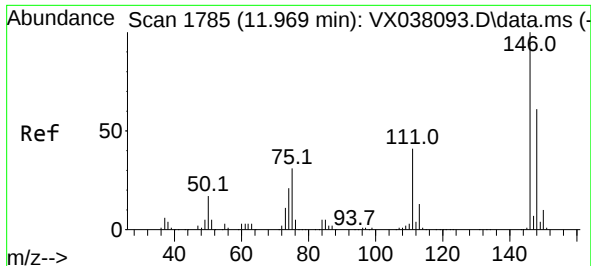
Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion:119 Resp: 623
Ion Ratio Lower Upper
119 100
134 45.3 12.8 38.3#
91 83.5 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.122 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

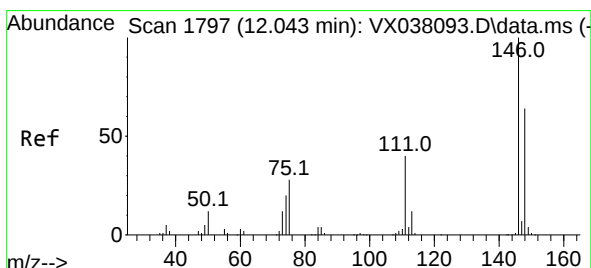
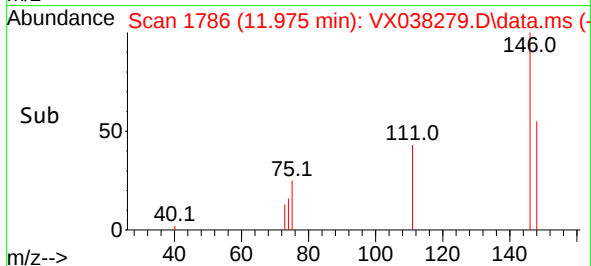
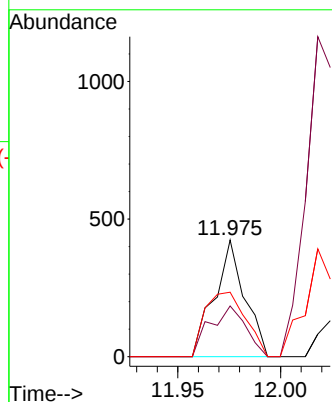
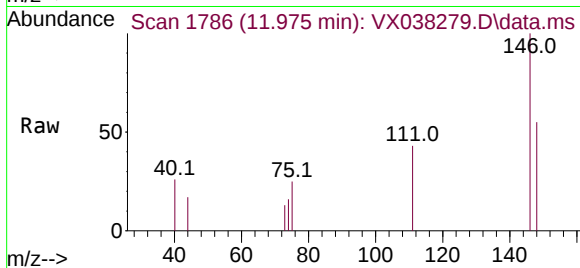
Tgt Ion:146 Resp: 438

Ion	Ratio	Lower	Upper
146	100		
111	51.0	22.1	66.1
148	74.0	31.8	95.3

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 0.185 ug/l m

RT: 12.042 min Scan# 1797

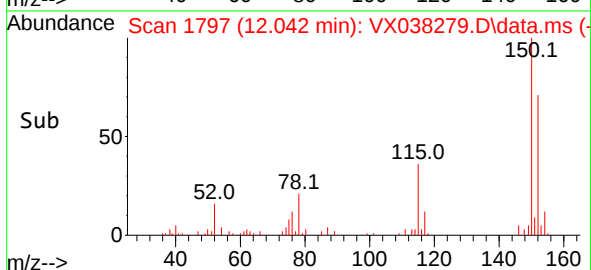
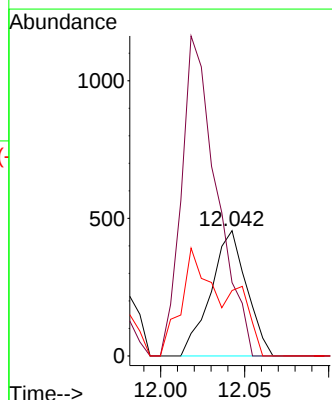
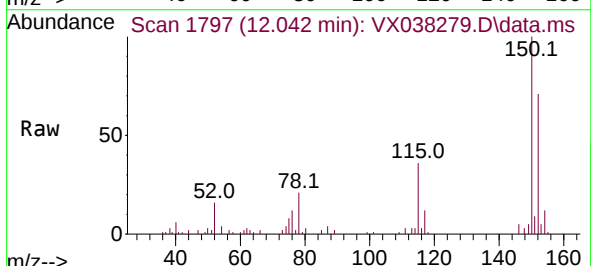
Delta R.T. -0.001 min

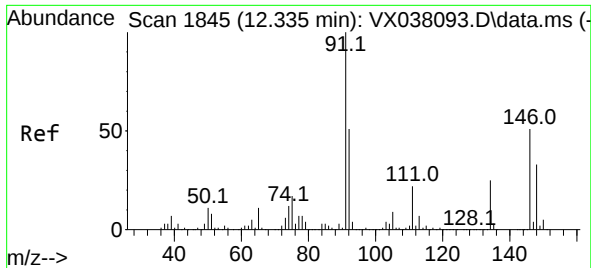
Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion:146 Resp: 677

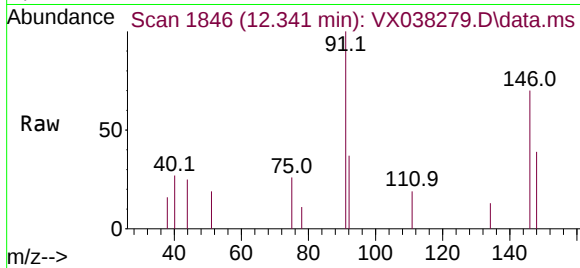
Ion	Ratio	Lower	Upper
146	100		
111	32.8	21.3	63.7
148	47.6	31.8	95.4





#89
n-Butylbenzene
Concen: 0.099 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

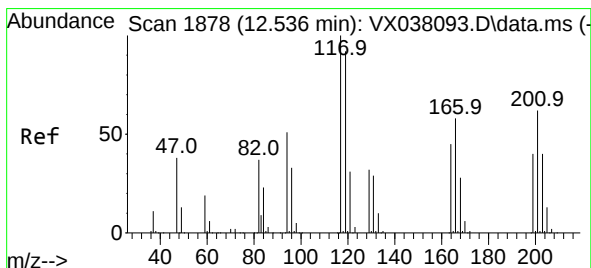
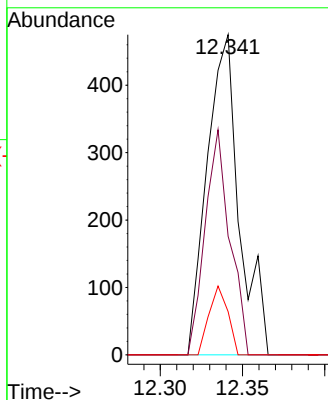
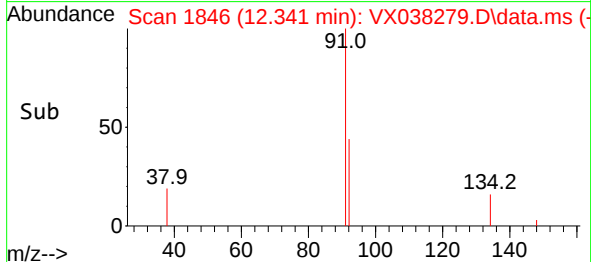
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 91 Resp: 640
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 12.5 12.6 37.8

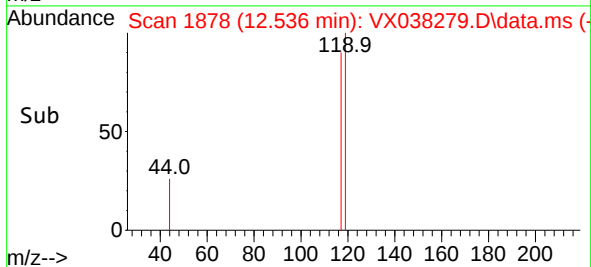
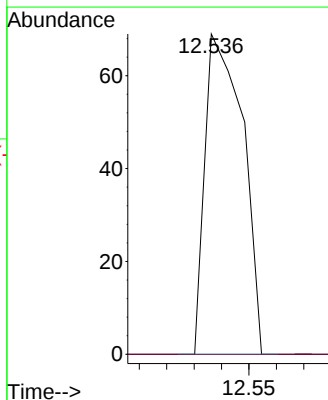
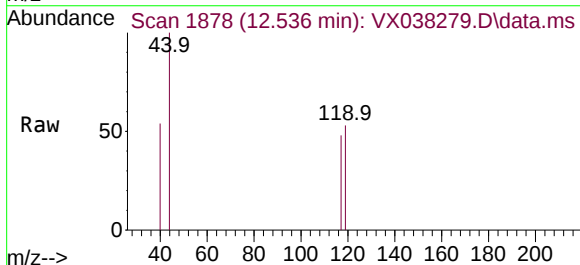
Manual Integrations
APPROVED

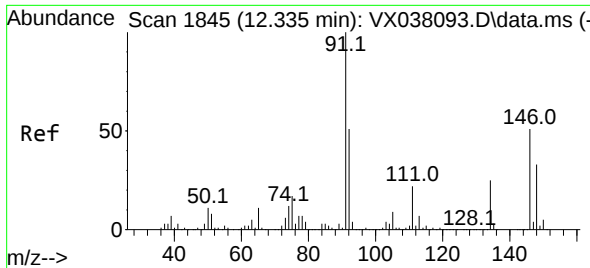
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#90
Hexachloroethane
Concen: 0.061 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

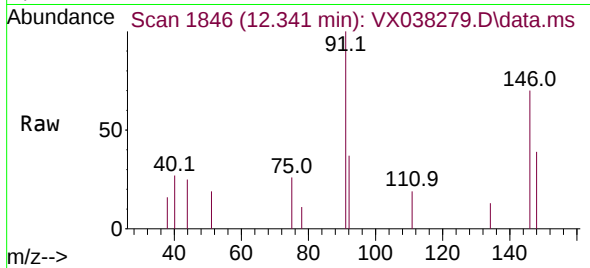
Tgt Ion:117 Resp: 66
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.105 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

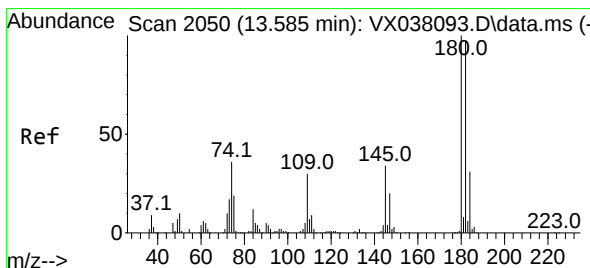
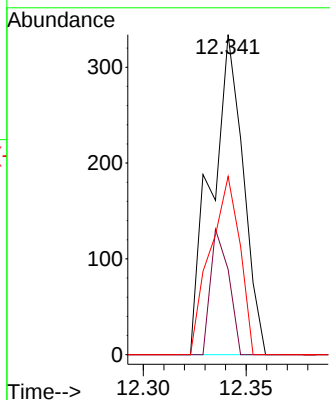
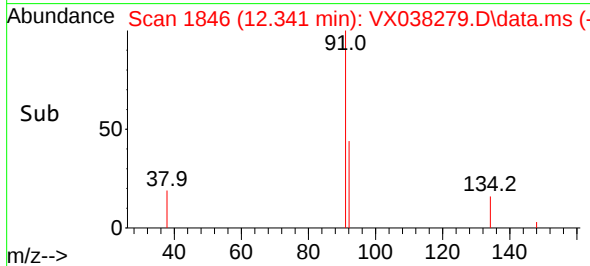
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



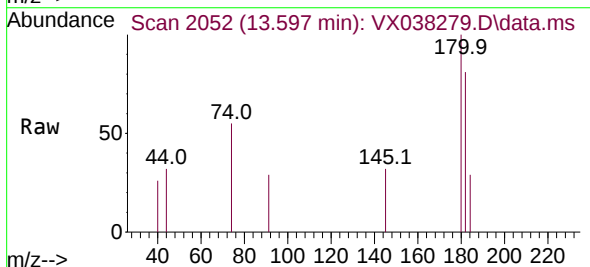
Tgt Ion:146 Resp: 360
Ion Ratio Lower Upper
146 100
111 22.2 22.4 67.0
148 51.9 31.6 95.0

Manual Integrations
APPROVED

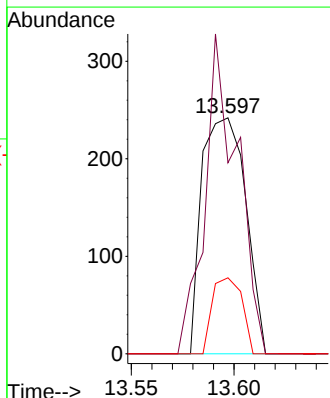
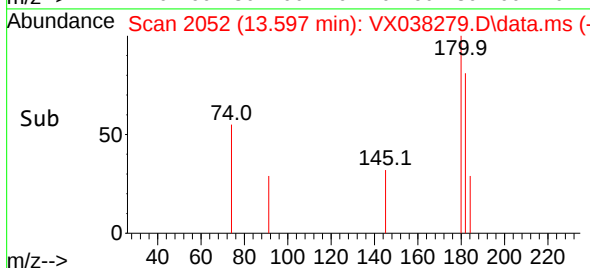
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

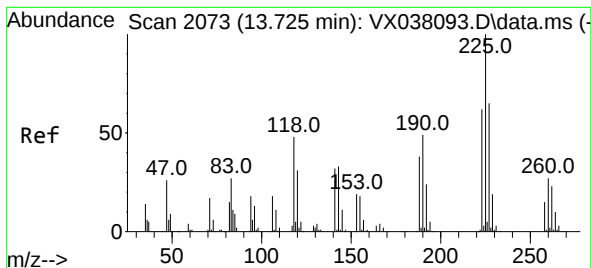


#93
1,2,4-Trichlorobenzene
Concen: 0.156 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33



Tgt Ion:180 Resp: 360
Ion Ratio Lower Upper
180 100
182 100.3 48.3 144.8
145 21.7 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.100 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

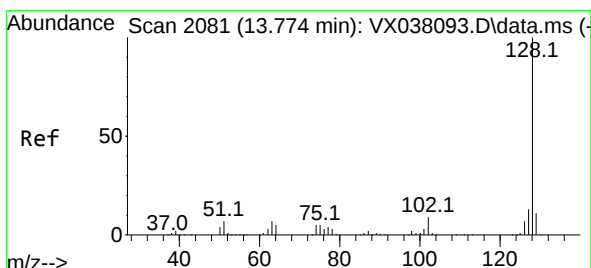
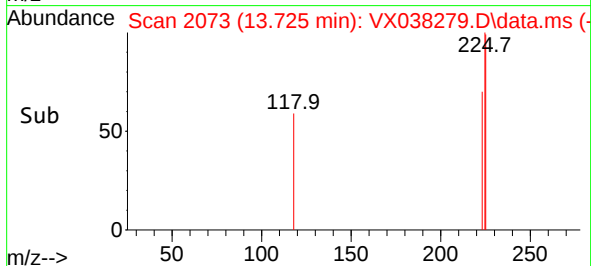
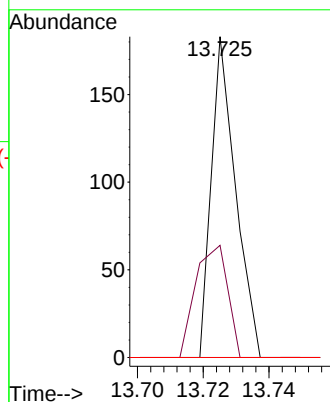
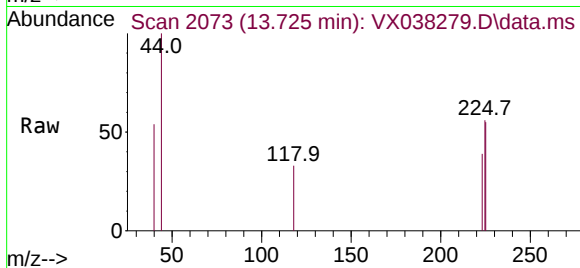
MDL-WATER-03-QT4-2023

Tgt Ion:	225	Resp:	93.2
Ion Ratio	100	Lower	Upper
225	100		
223	46.2	31.1	93.2
227	0.0	32.5	97.5

Manual Integrations

APPROVED

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



#95

Naphthalene

Concen: 0.096 ug/l

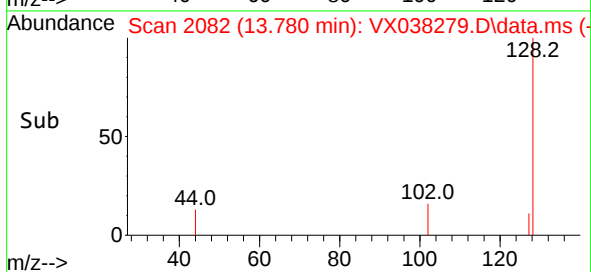
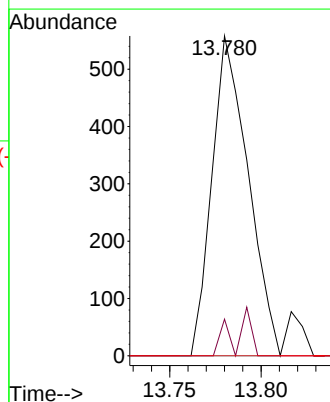
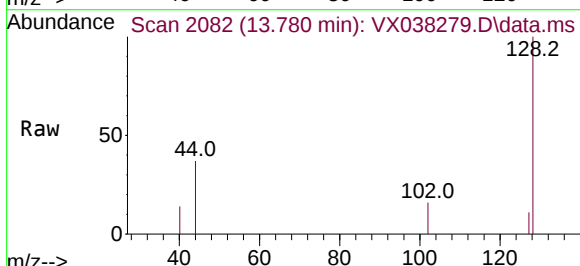
RT: 13.780 min Scan# 2082

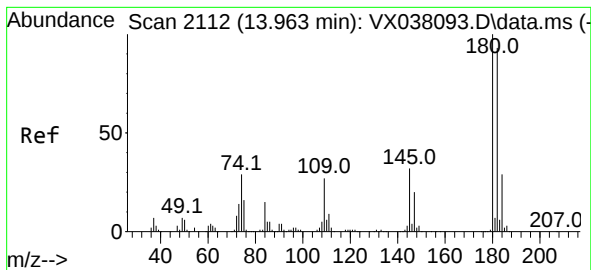
Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

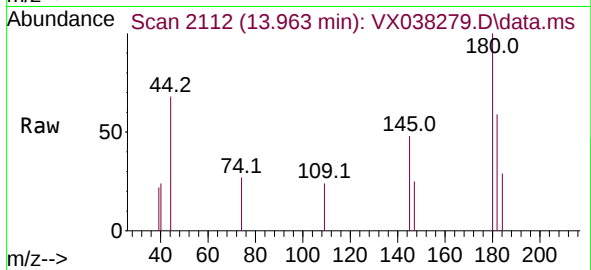
Tgt Ion:	128	Resp:	769
Ion Ratio	100	Lower	Upper
128	100		
127	3.0	10.3	15.5#
129	0.0	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.140 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

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



Tgt Ion:180 Resp: 311
 Ion Ratio Lower Upper
 180 100
 182 61.0 46.9 140.6
 145 30.0 17.8 53.5

Manual Integrations
 APPROVED

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

