

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051456.D
 Acq On : 19 Oct 2022 14:19
 Operator : JC/MD
 Sample : N3980-09 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Oct 20 07:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Fluorobenzene	6.112	96	44465	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12187	0.781	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14370	0.825	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	3485m	0.224	ug/l	
3) Chloromethane	1.533	50	6802	0.278	ug/l	97
4) Vinyl Chloride	1.600	62	4871	0.230	ug/l	94
5) Bromomethane	1.851	94	3680	0.312	ug/l	97
6) Chloroethane	1.932	64	2977	0.247	ug/l	94
7) Trichlorofluoromethane	2.137	101	5877	0.248	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3191	0.244	ug/l	96
9) 1,1-Dichloroethene	2.578	96	3612	0.265	ug/l	94
10) Iodomethane	2.719	142	4460	0.252	ug/l	91
11) Allyl Chloride	2.919	41	5994	0.288	ug/l	91
12) Acrylonitrile	3.317	53	2073	0.516	ug/l	# 66
13) Acetone	2.623	43	5421	1.875	ug/l	99
14) Carbon Disulfide	2.790	76	12937	0.266	ug/l	# 87
15) Methylene Chloride	3.041	84	14705	0.736	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	4196	0.268	ug/l	94
17) 1,1-Dichloroethane	3.864	63	6707	0.238	ug/l	94
18) 2-Butanone	4.732	43	4326m	1.233	ug/l	
21) 2,2-Dichloropropane	4.661	77	6500	0.331	ug/l	# 88
22) cis-1,2-Dichloroethene	4.668	96	3583	0.242	ug/l	66
23) Diethyl Ether	2.375	59	3216	0.270	ug/l	96
24) tert-Butyl Alcohol	3.186	59	18115	14.497	ug/l	# 80
25) Methyl tert-Butyl Ether	3.369	73	9368	0.264	ug/l	96
26) Bromochloromethane	4.970	128	2087	0.289	ug/l	79
27) Chloroform	5.089	83	7617	0.267	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	5158	0.227	ug/l	91
29) 1,1-Dichloropropene	5.523	75	3652	0.210	ug/l	# 93
30) Carbon Tetrachloride	5.517	117	4671	0.243	ug/l	# 81
31) Isopropyl Ether	3.993	45	7982	0.240	ug/l	93
32) Ethyl-t-butyl ether	4.507	59	6351	0.209	ug/l	96
34) Propionitrile	4.803	54	998m	0.846	ug/l	
35) Benzene	5.774	78	12794	0.219	ug/l	100
36) 1,2-Dichloroethane	5.796	62	4620	0.256	ug/l	# 93
37) Trichloroethene	6.546	130	2933	0.214	ug/l	# 76
38) 1,2-Dichloropropane	6.787	63	3667	0.229	ug/l	93
39) Methacrylonitrile	4.980	41	876m	0.217	ug/l	
41) Tetrahydrofuran	5.070	42	1086	0.513	ug/l	# 65
42) 1-Chlorobutane	5.456	56	5006	0.211	ug/l	93
43) Dibromomethane	6.922	93	2041	0.245	ug/l	94
44) Bromodichloromethane	7.108	83	4893	0.243	ug/l	# 98
45) 4-Methyl-2-Pentanone	7.796	43	7517	0.949	ug/l	92
46) t-1,4-Dichloro-2-butene	10.822	75	2599m	0.588	ug/l	
47) Methyl methacrylate	6.967	69	2084	0.328	ug/l	89
51) cis-1,3-Dichloropropene	7.610	75	3917	0.205	ug/l	94

10/25/2022

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Manual Integrations
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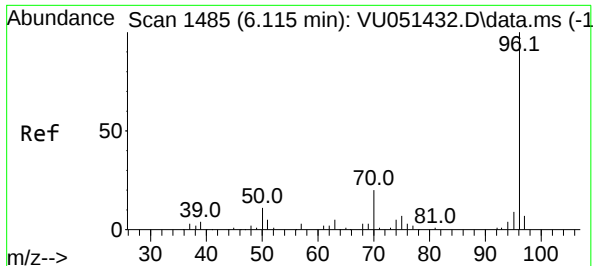
Reviewed By :Krupa
 Patel

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 Supervised By :Mahesh
 Dadoda

Quant Time: Oct 20 07:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
52) 1,1,2-Trichloroethane	8.401	97	2707	0.228	ug/l	93	10/25/2022
54) 2-Hexanone	8.690	43	5060	0.929	ug/l	89	
55) Dibromochloromethane	8.806	129	3027	0.234	ug/l	97	
56) 1,2-Dibromoethane	8.925	107	2336	0.224	ug/l	94	
58) Tetrachloroethene	8.552	164	2802	0.234	ug/l	93	
60) 1,1,1,2-Tetrachloroethane	9.536	131	3433	0.255	ug/l	94	
61) Pentachloroethane	11.423	117	2965	0.247	ug/l	99	
62) Hexachloroethane	12.478	117	2377	0.208	ug/l	93	
64) m/p-Xylenes	9.693	106	6304	0.296	ug/l	94	
67) Bromoform	10.288	173	1854	0.256	ug/l #	93	
70) 1,1,2,2-Tetrachloroethane	10.780	83	3750	0.233	ug/l #	87	
71) 1,2,3-Trichloropropane	10.822	75	3167m	0.265	ug/l		
80) Nitrobenzene	13.227	77	761	0.956	ug/l #	75	
88) Hexachlorobutadiene	14.021	225	2478	0.237	ug/l	96	

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051456.D
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Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

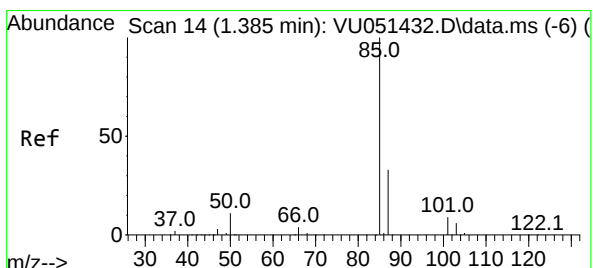
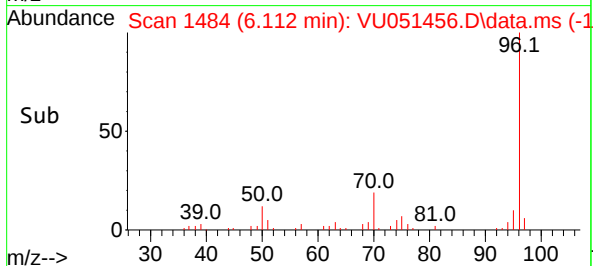
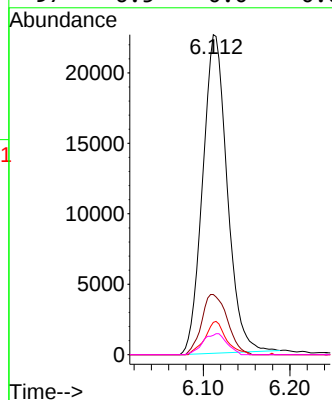
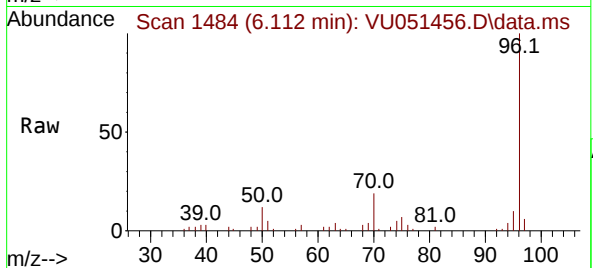
Tgt Ion: 96 Resp: 4446
Ion Ratio Lower Upper
96 100
70 19.8 16.7 25.1
95 9.1 7.5 11.3
97 6.5 0.0 0.0

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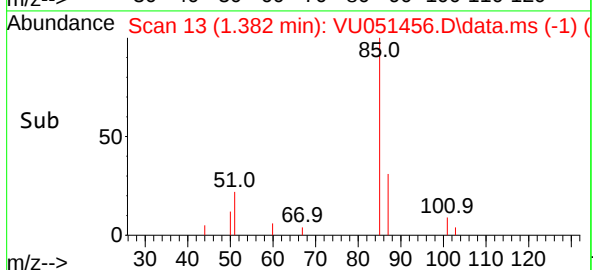
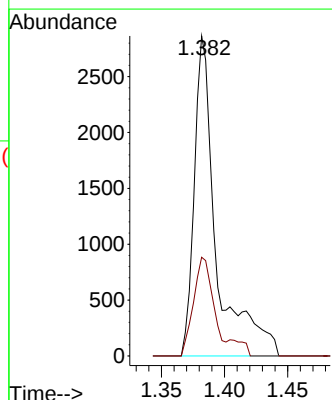
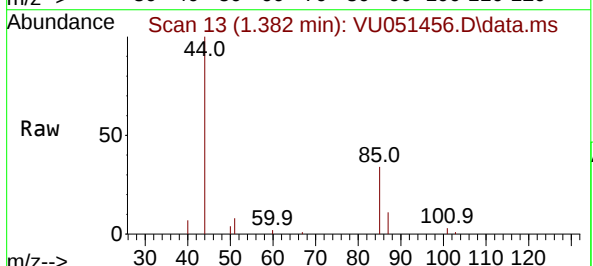
10/20/2022
Supervised By :Mahesh
Dadoda

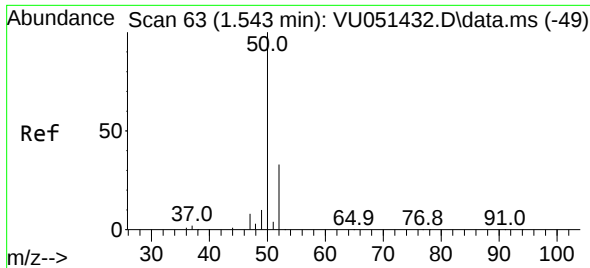
10/25/2022



#2
Dichlorodifluoromethane
Concen: 0.224 ug/l m
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

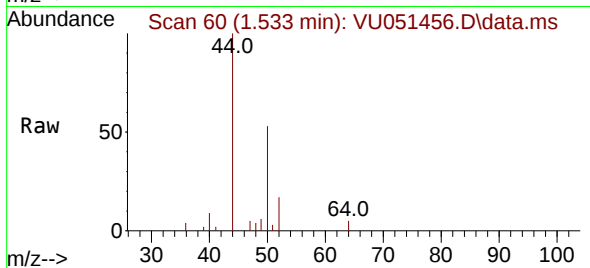
Tgt Ion: 85 Resp: 3485
Ion Ratio Lower Upper
85 100
87 30.8 16.4 49.4





#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



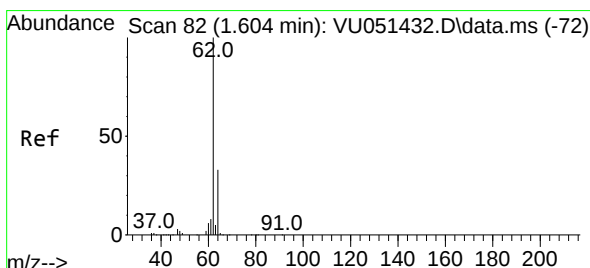
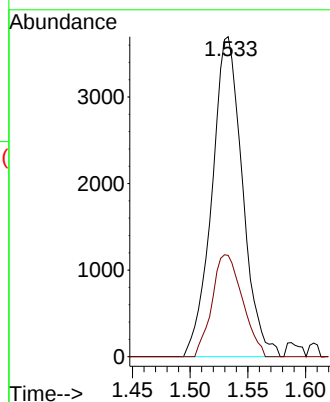
Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1

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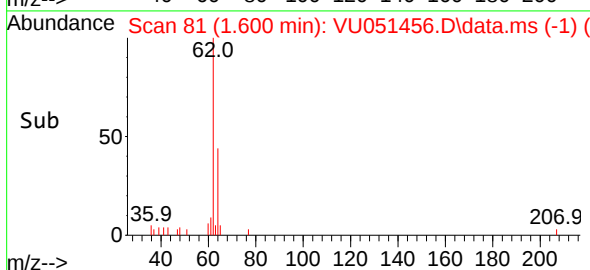
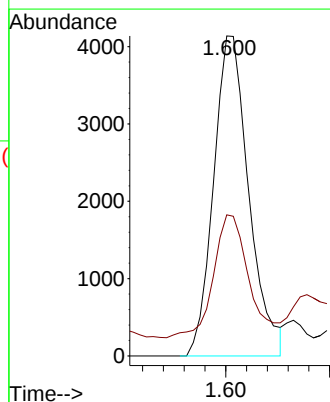
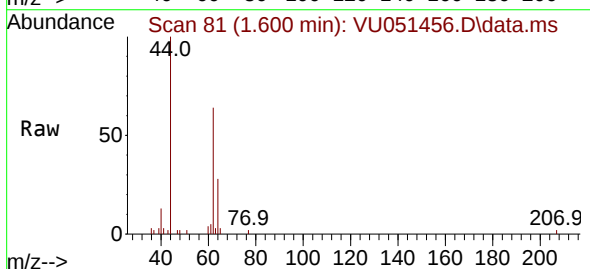
10/20/2022
Supervised By :Mahesh
Dadoda

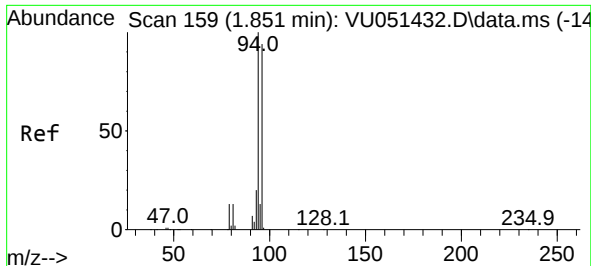
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#4
Vinyl Chloride
Concen: 0.230 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

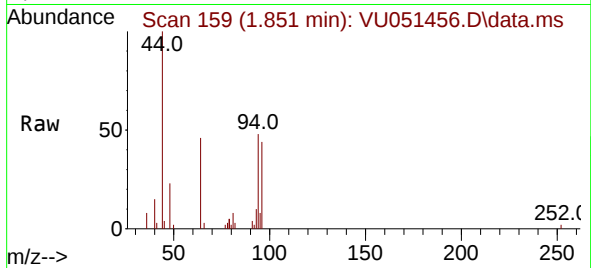
Tgt Ion: 62 Resp: 4871
Ion Ratio Lower Upper
62 100
64 36.8 26.7 40.1





#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.851 min Scan# 159
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



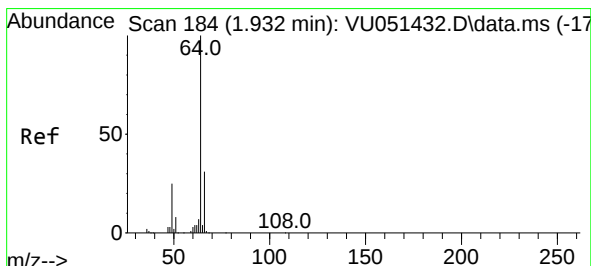
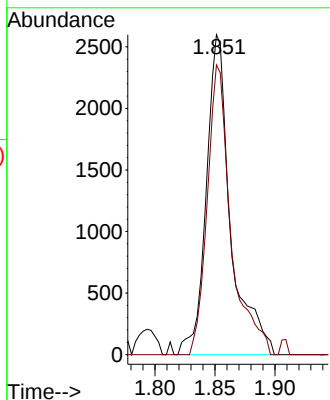
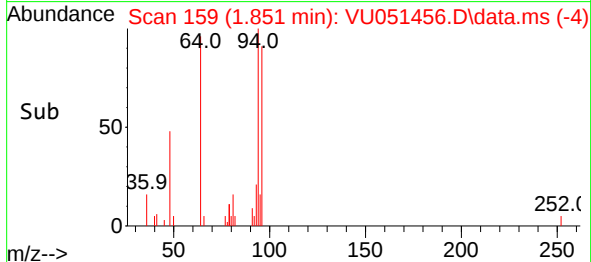
Tgt Ion: 94 Resp: 3680
Ion Ratio Lower Upper
94 100
96 90.5 74.8 112.2

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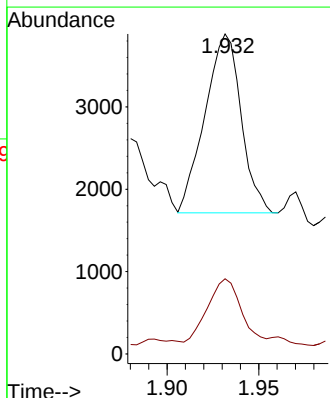
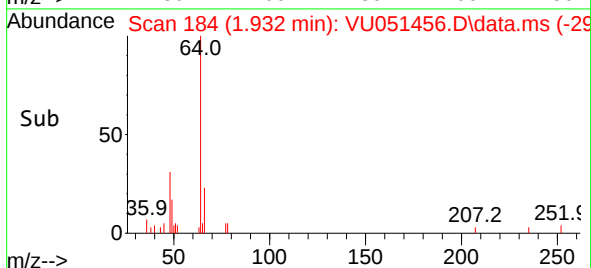
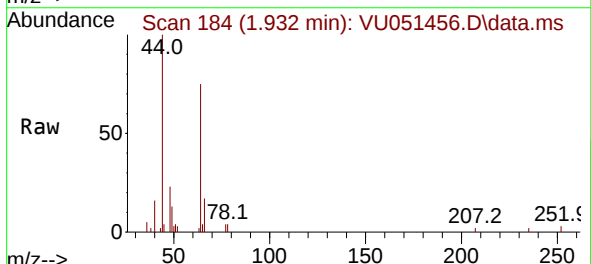
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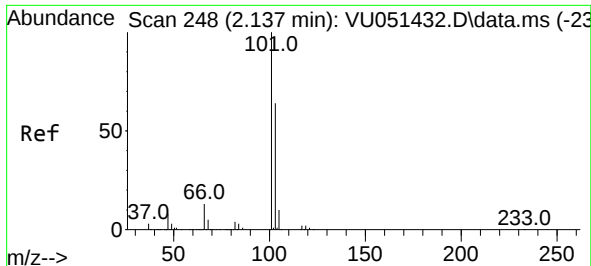
10/25/2022



#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

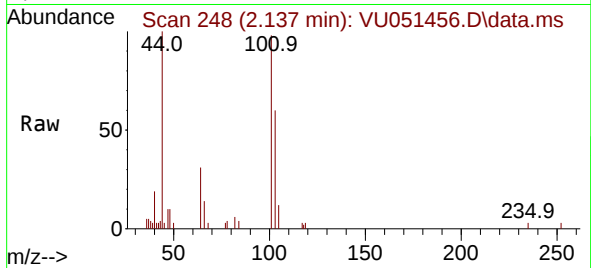
Tgt Ion: 64 Resp: 2977
Ion Ratio Lower Upper
64 100
66 34.9 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 0.248 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



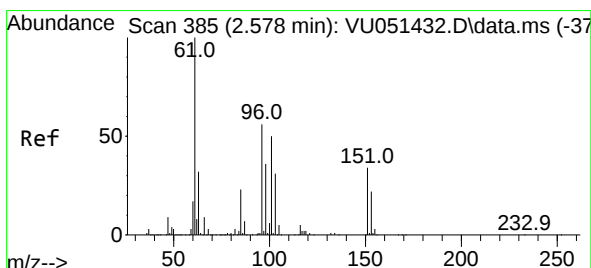
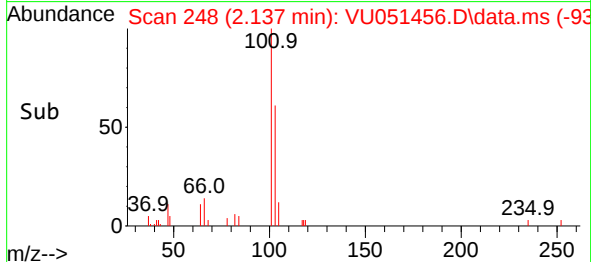
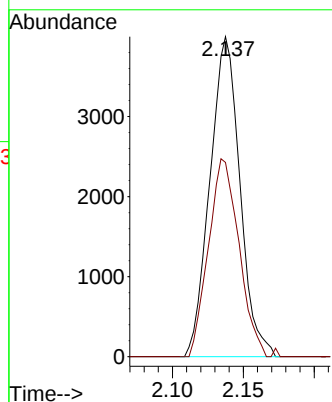
Tgt Ion:101 Resp: 587
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.4 77.2

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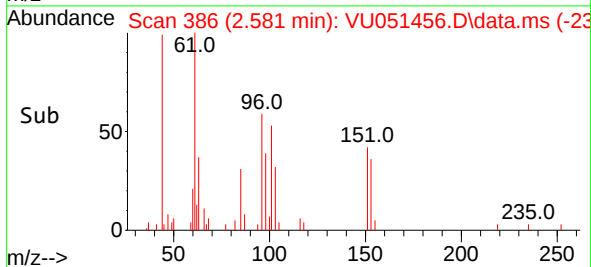
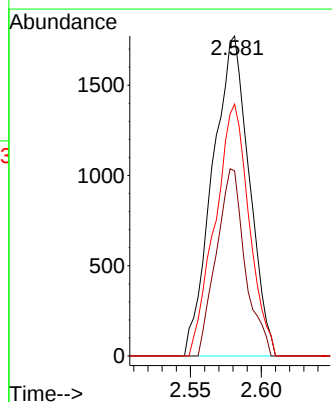
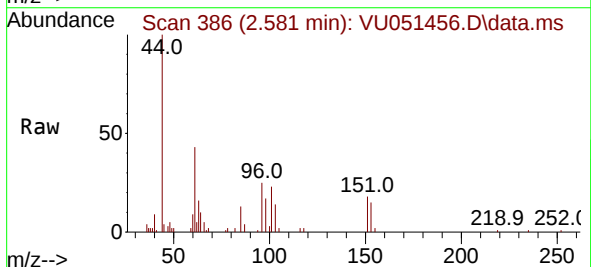
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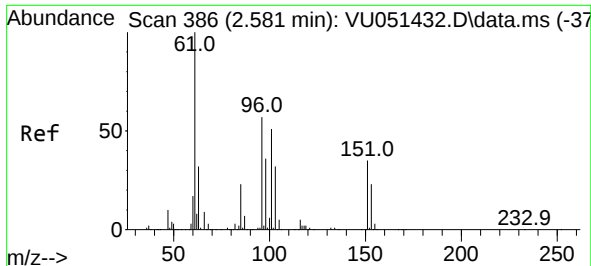
10/25/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.244 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

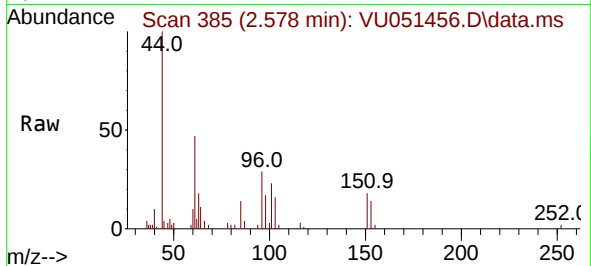
Tgt Ion:101 Resp: 3191
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.6 54.8
 151 73.2 54.6 81.8





#9
1,1-Dichloroethene
Concen: 0.265 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



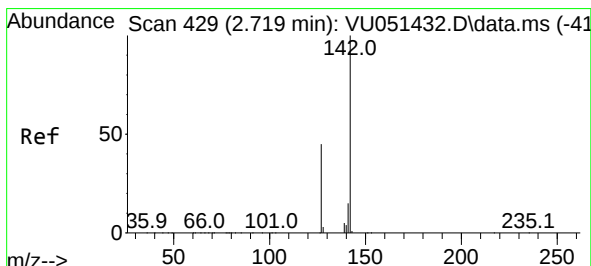
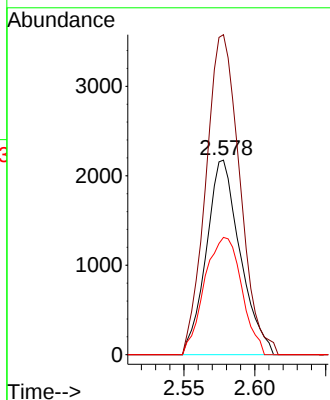
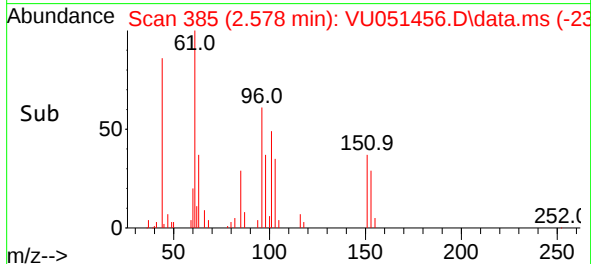
Tgt Ion: 96 Resp: 361
Ion Ratio Lower Upper
96 100
61 164.5 0.0 522.3
98 60.3 0.0 126.6

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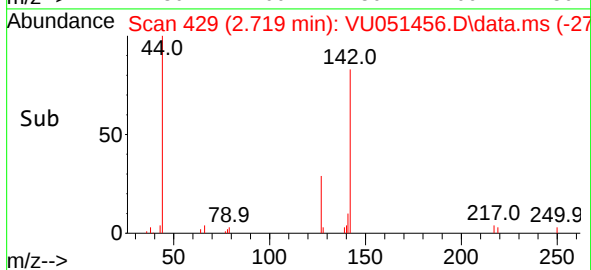
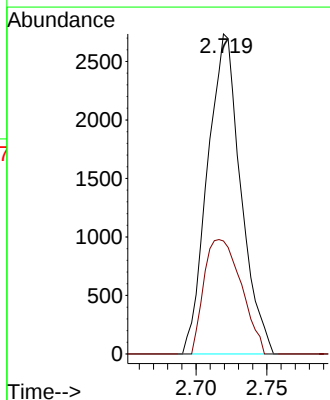
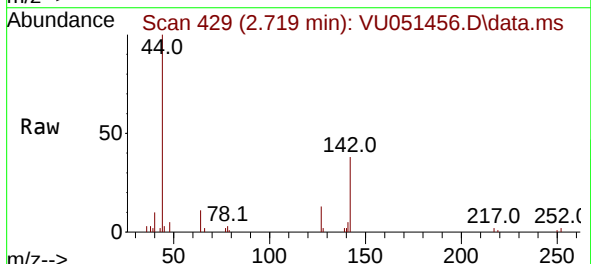
10/20/2022
Supervised By :Mahesh
Dadoda

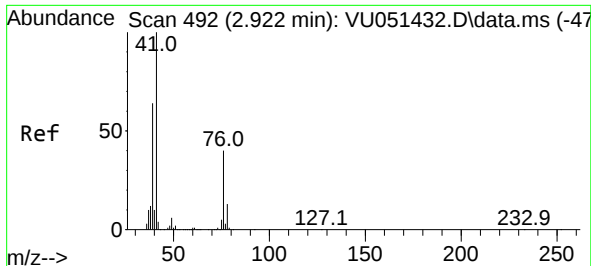
10/25/2022



#10
Iodomethane
Concen: 0.252 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

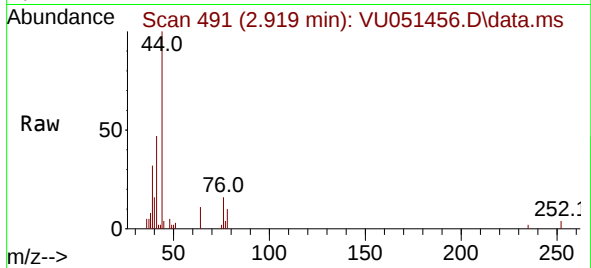
Tgt Ion:142 Resp: 4460
Ion Ratio Lower Upper
142 100
127 40.0 37.0 55.4





#11
 Allyl Chloride
 Concen: 0.288 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



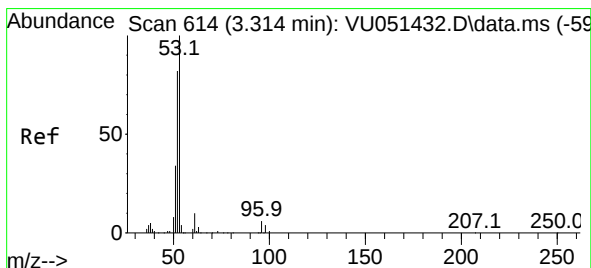
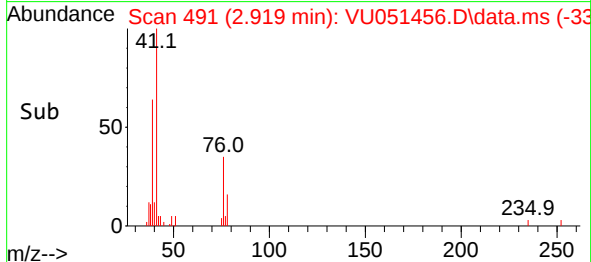
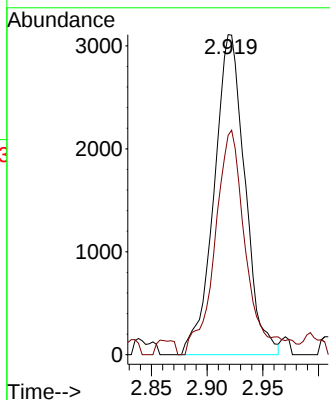
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 Ion Ratio Lower Upper
 41 100
 39 71.0 51.4 77.0

Manual Integrations
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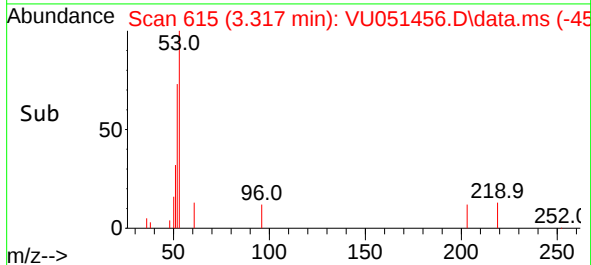
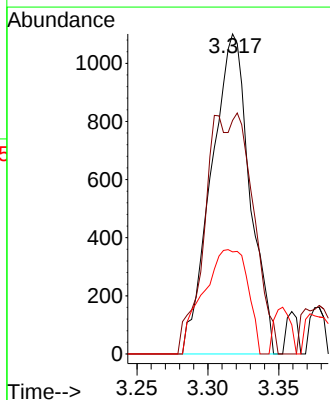
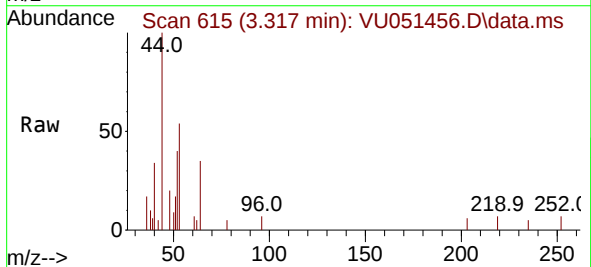
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 Supervised By :Mahesh
 Dadoda

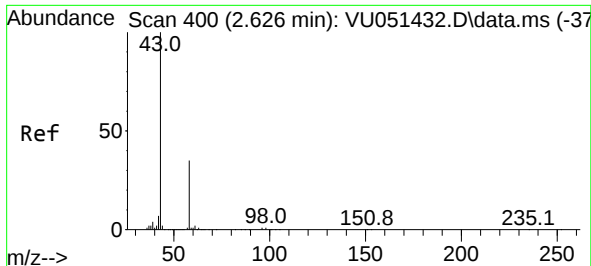
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#12
 Acrylonitrile
 Concen: 0.516 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Tgt Ion: 53 Resp: 2073
 Ion Ratio Lower Upper
 53 100
 52 41.0 63.9 95.9#
 51 37.7 25.9 38.9





#13
Acetone
Concen: 1.875 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

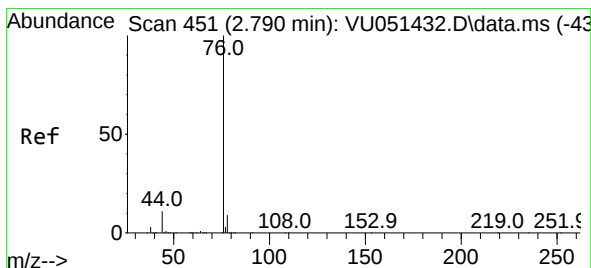
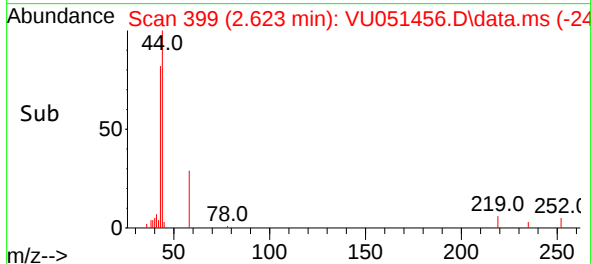
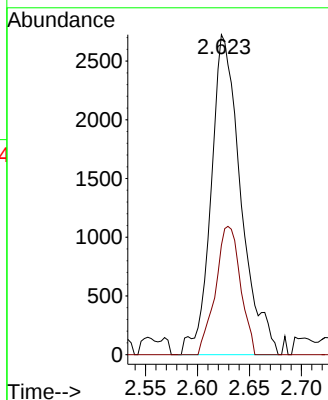
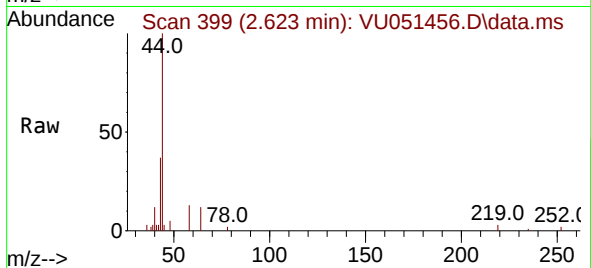
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 34.2 27.9 41.9

Manual Integrations
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Reviewed By :Krupa
Patel

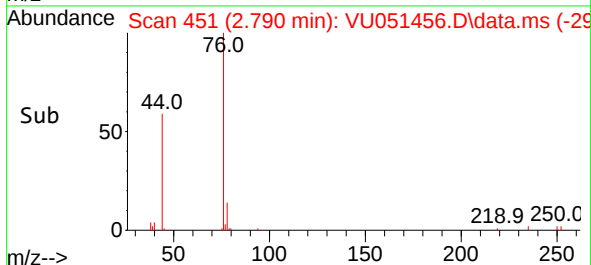
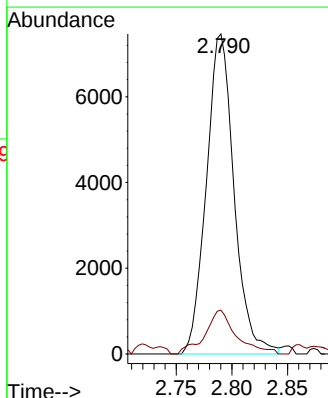
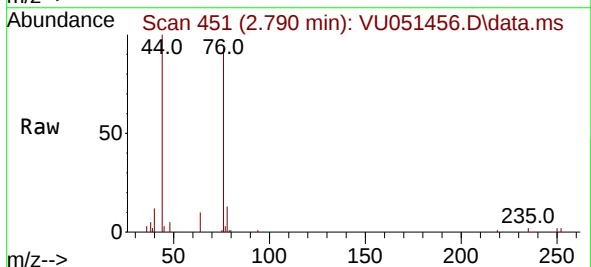
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Supervised By :Mahesh
Dadoda

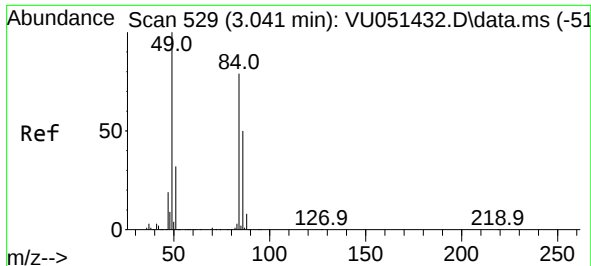
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#14
Carbon Disulfide
Concen: 0.266 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

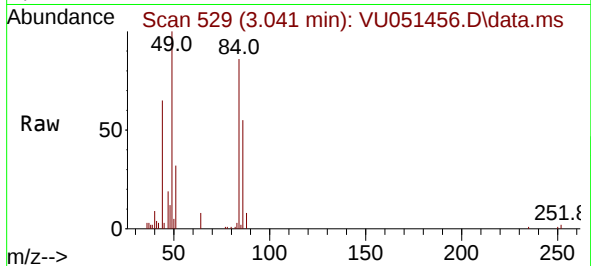
Tgt Ion: 76 Resp: 12937
Ion Ratio Lower Upper
76 100
78 13.7 7.2 10.8#





#15
Methylene Chloride
Concen: 0.736 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



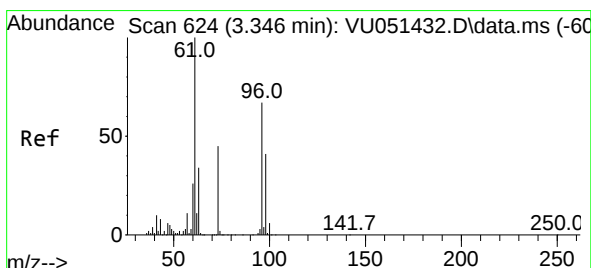
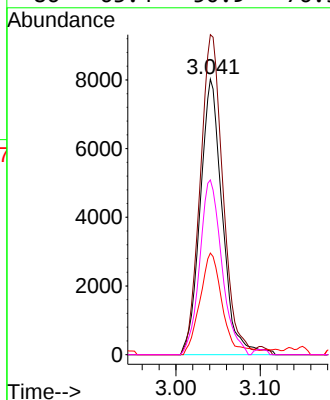
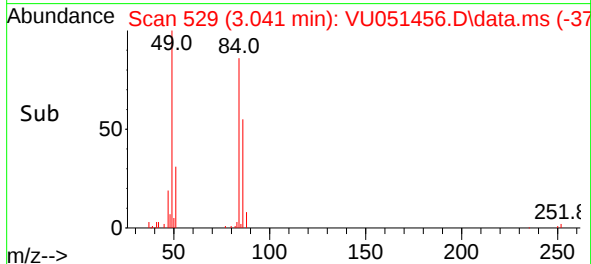
Tgt Ion: 84 Resp: 1470
Ion Ratio Lower Upper
84 100
49 116.1 101.1 151.7
51 36.9 0.0 80.2
86 63.4 50.9 76.3

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Reviewed By :Krupa
Patel

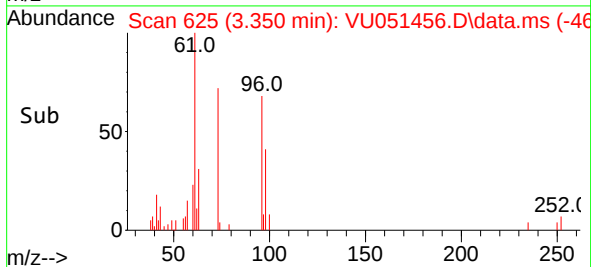
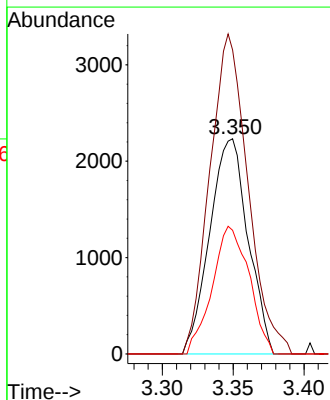
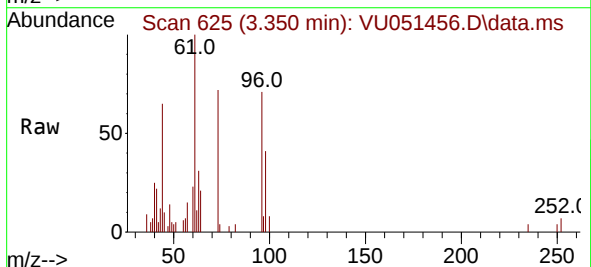
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Supervised By :Mahesh
Dadoda

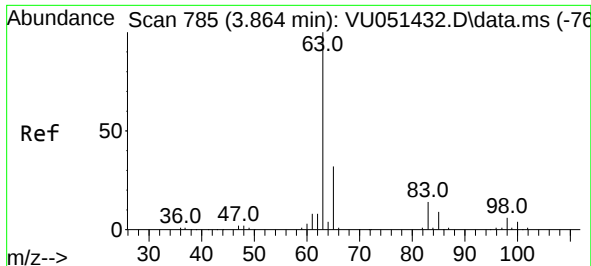
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#16
trans-1,2-Dichloroethene
Concen: 0.268 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 96 Resp: 4196
Ion Ratio Lower Upper
96 100
61 141.3 119.9 179.9
98 57.5 49.5 74.3





#17
1,1-Dichloroethane
Concen: 0.238 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

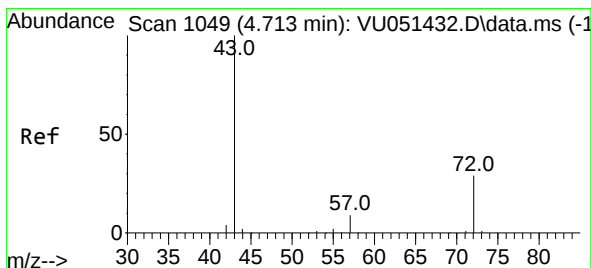
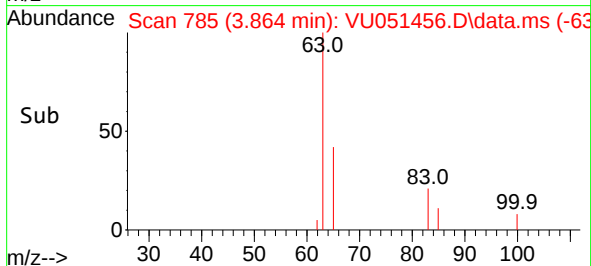
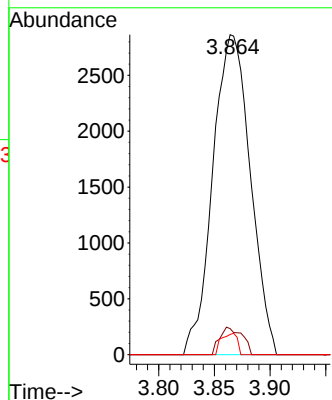
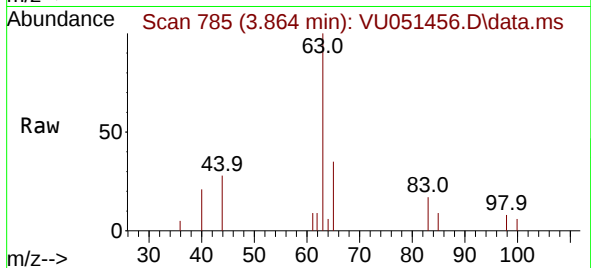
Tgt Ion: 63 Resp: 670
Ion Ratio Lower Upper
63 100
98 8.1 3.1 9.3
100 6.3 2.1 6.3

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Reviewed By :Krupa
Patel

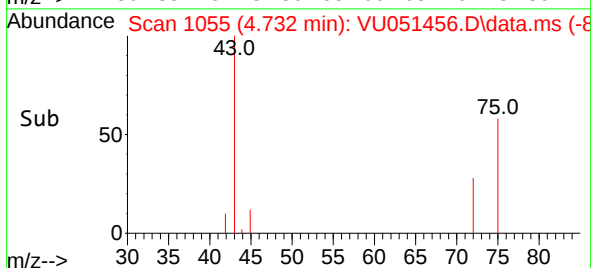
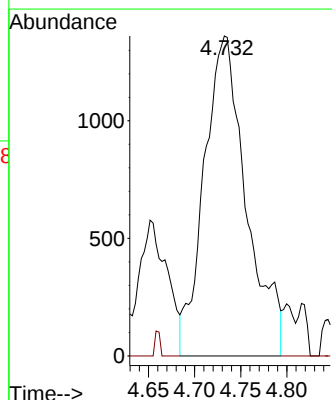
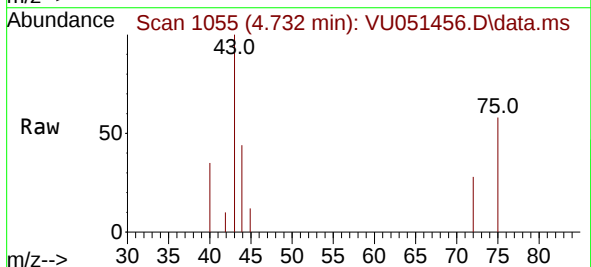
10/20/2022
Supervised By :Mahesh
Dadoda

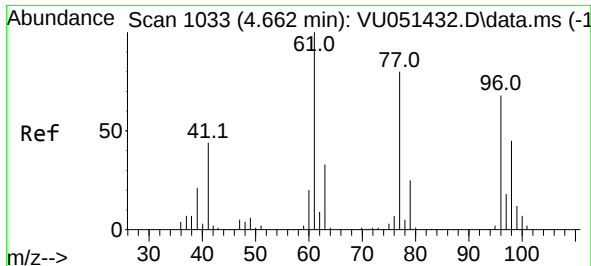
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#18
2-Butanone
Concen: 1.233 ug/l m
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 43 Resp: 4326
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.2





#21

2,2-Dichloropropane

Concen: 0.331 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 6500

Ion Ratio Lower Upper

77 100

97 17.8 19.0 28.6

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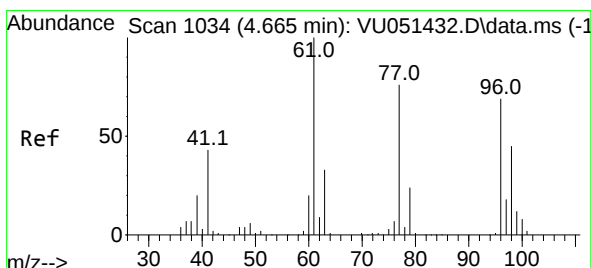
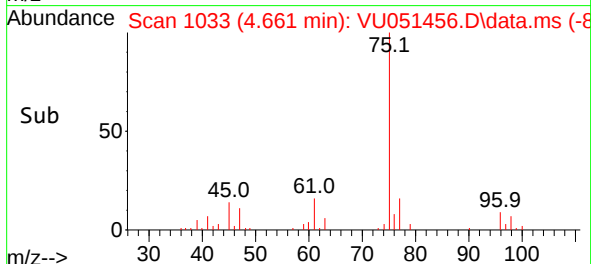
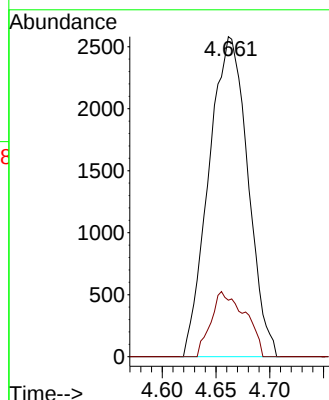
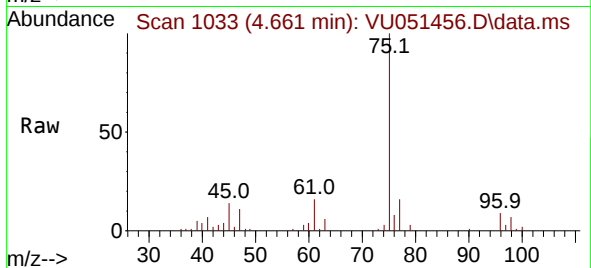
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Reviewed By :Krupa
Patel

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Supervised By :Mahesh
Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

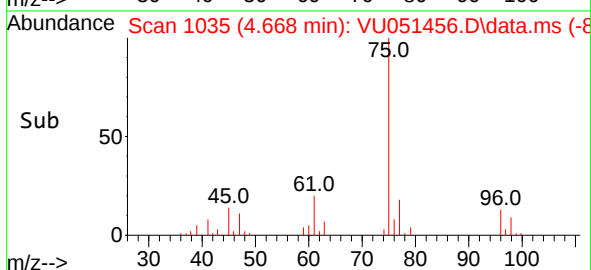
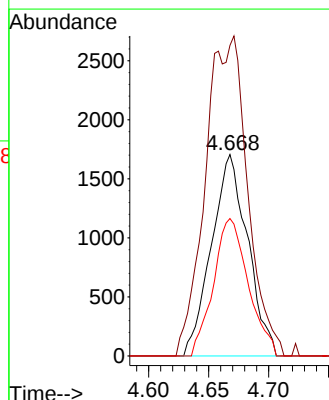
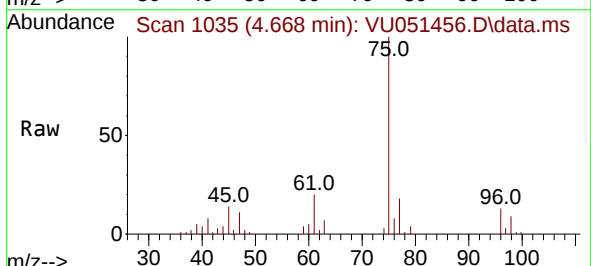
Tgt Ion: 96 Resp: 3583

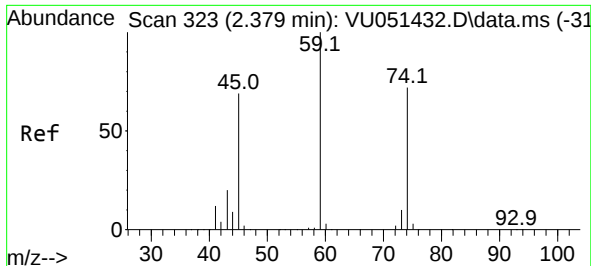
Ion Ratio Lower Upper

96 100

61 84.8 0.0 362.8

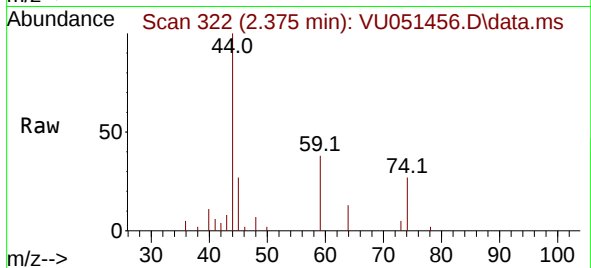
98 65.6 32.5 97.5





#23
Diethyl Ether
Concen: 0.270 ug/l
RT: 2.375 min Scan# 321
Delta R.T. -0.004 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



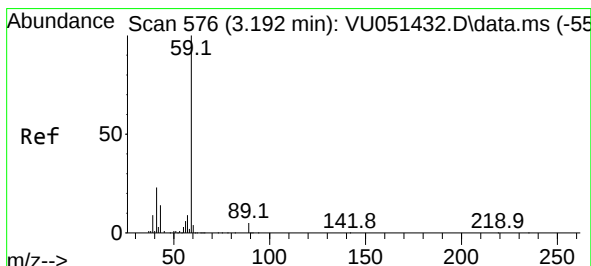
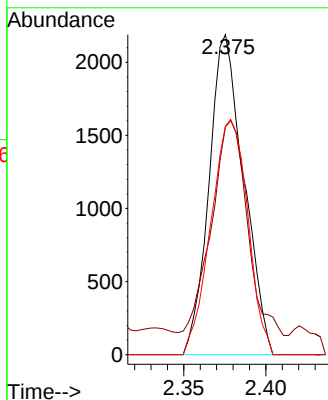
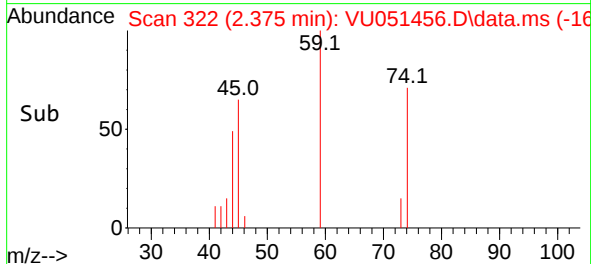
Tgt Ion: 59 Resp: 3210
Ion Ratio Lower Upper
59 100
45 68.6 55.7 83.5
74 78.1 58.2 87.4

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Patel

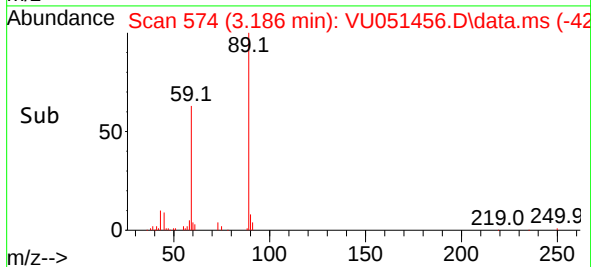
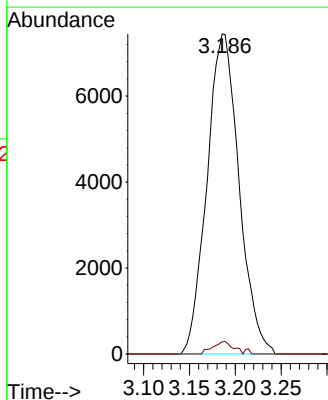
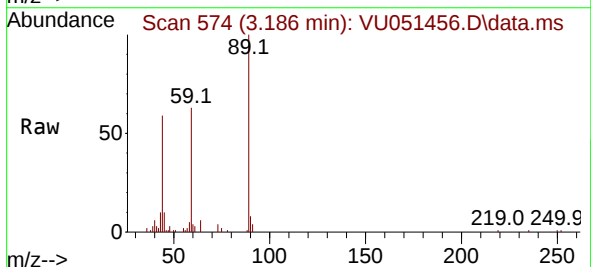
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Supervised By :Mahesh
Dadoda

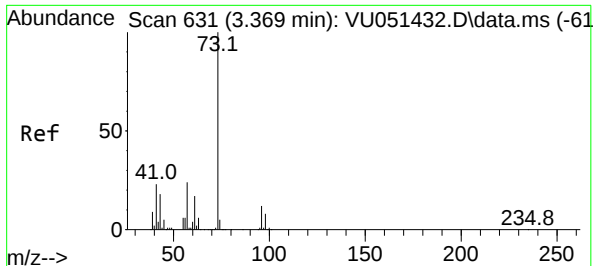
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#24
tert-Butyl Alcohol
Concen: 14.497 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.006 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 59 Resp: 18115
Ion Ratio Lower Upper
59 100
57 2.4 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.264 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

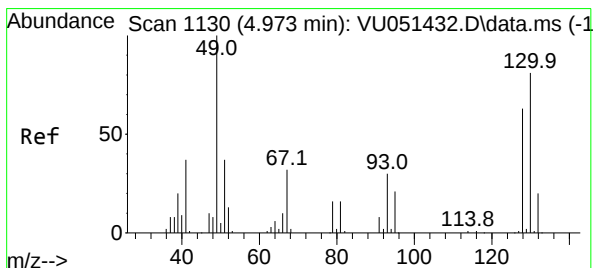
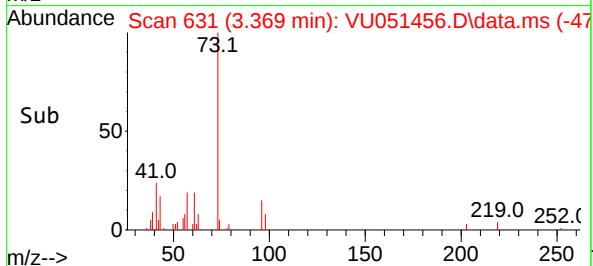
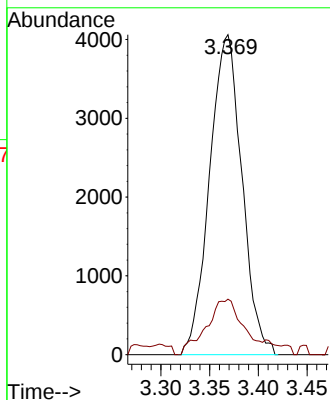
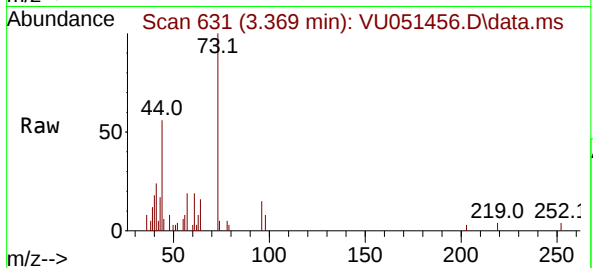
Tgt Ion: 73 Resp: 936
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4

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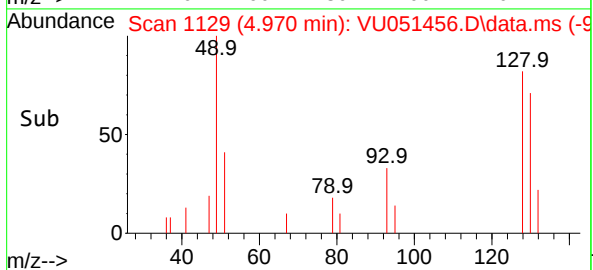
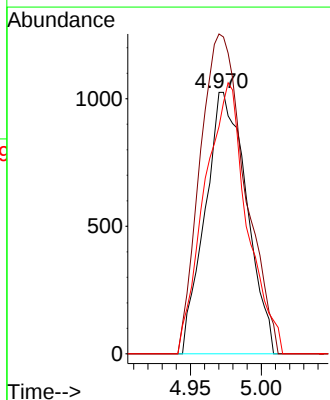
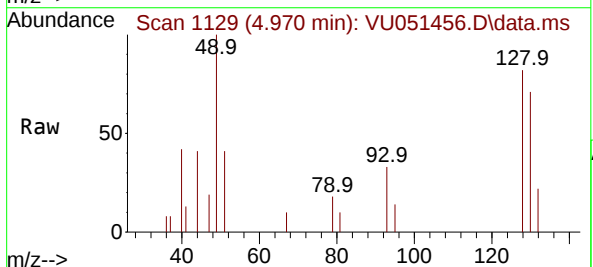
10/20/2022
Supervised By :Mahesh
Dadoda

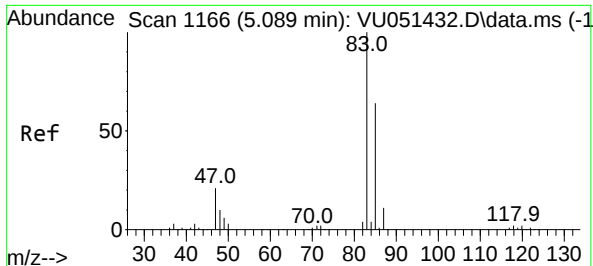
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#26
Bromochloromethane
Concen: 0.289 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:128 Resp: 2087
Ion Ratio Lower Upper
128 100
49 132.6 0.0 320.4
130 106.2 105.0 157.6





#27

Chloroform

Concen: 0.267 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 761
 Ion Ratio Lower Upper
 83 100
 85 63.7 0.0 128.8

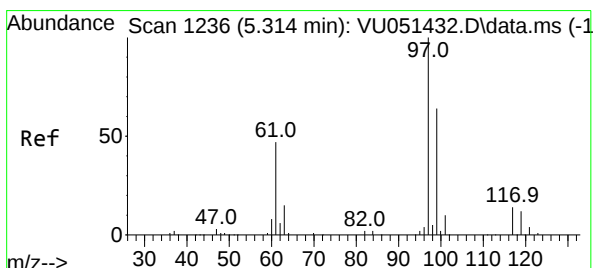
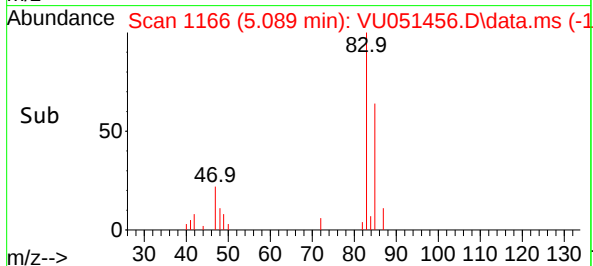
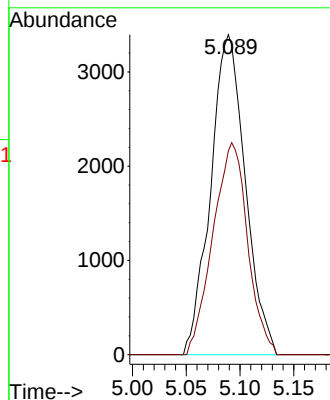
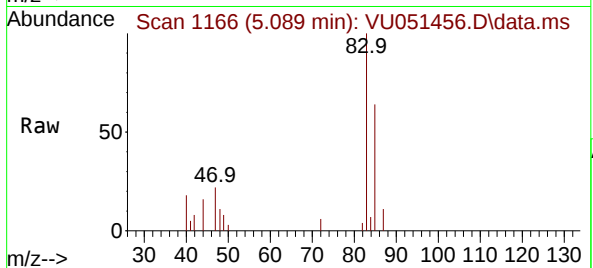
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 Patel

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 Dadoda

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#28

1,1,1-Trichloroethane

Concen: 0.227 ug/l

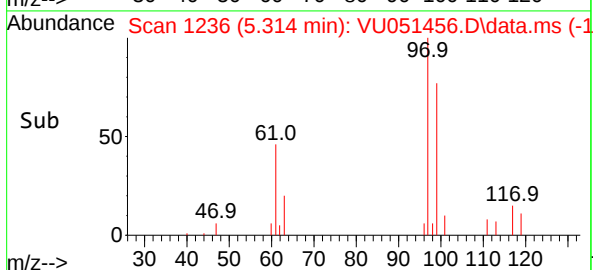
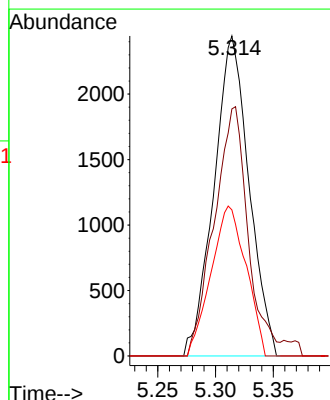
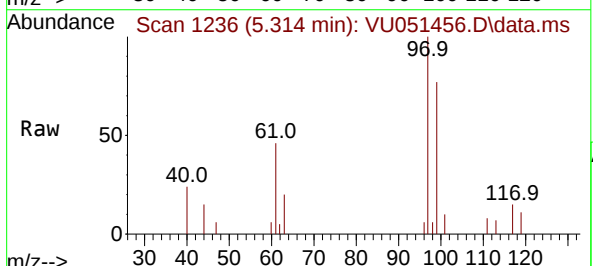
RT: 5.314 min Scan# 1236

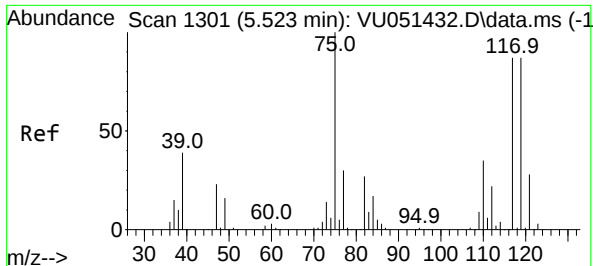
Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

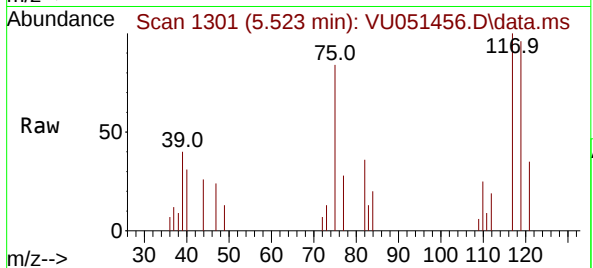
Tgt Ion: 97 Resp: 5158
 Ion Ratio Lower Upper
 97 100
 99 75.0 31.8 95.4
 61 46.9 23.6 71.0





#29
1,1-Dichloropropene
Concen: 0.210 ug/l
RT: 5.523 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



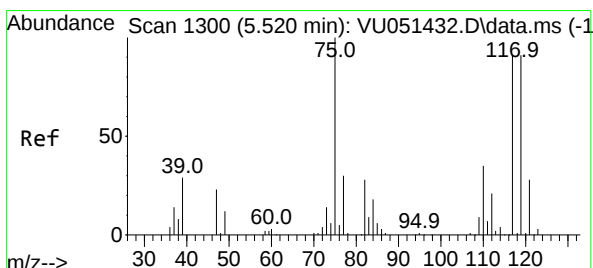
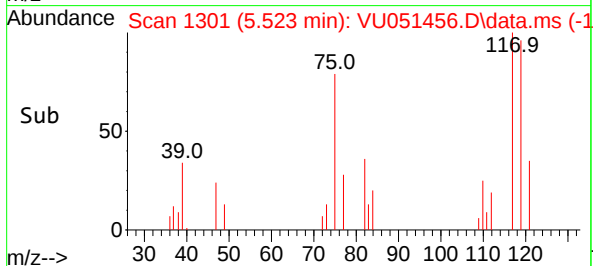
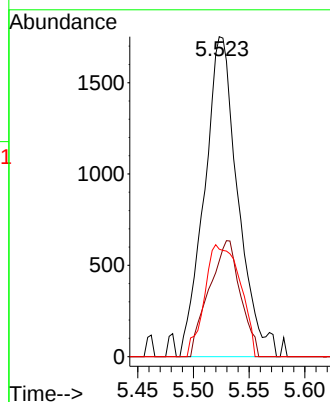
Tgt Ion: 75 Resp: 3652
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.3
77 37.1 24.2 36.4

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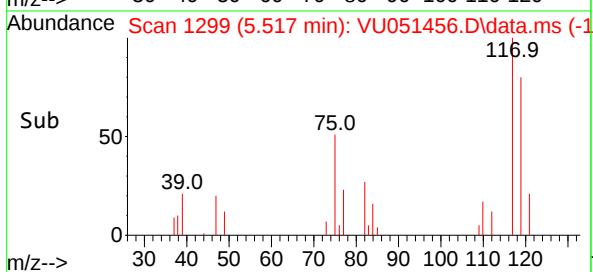
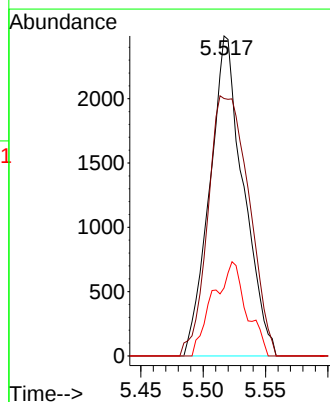
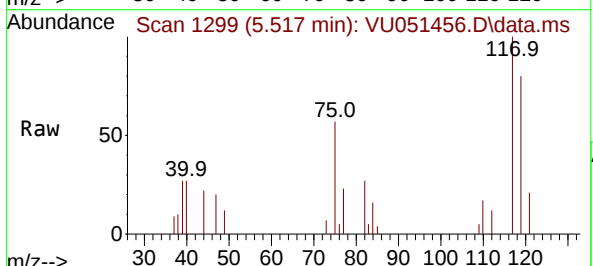
10/20/2022
Supervised By :Mahesh
Dadoda

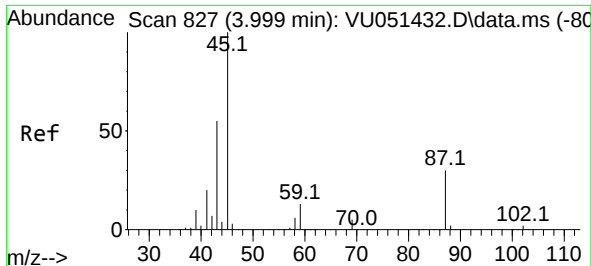
10/25/2022



#30
Carbon Tetrachloride
Concen: 0.243 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

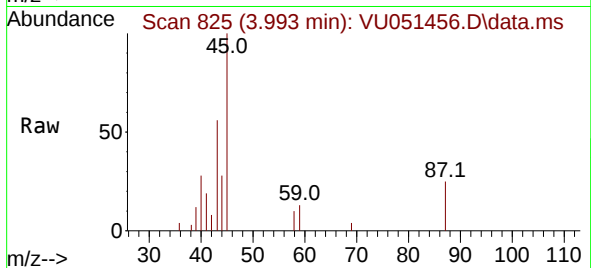
Tgt Ion:117 Resp: 4671
Ion Ratio Lower Upper
117 100
119 80.5 80.0 120.0
121 21.2 24.9 37.3





#31
Isopropyl Ether
Concen: 0.240 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



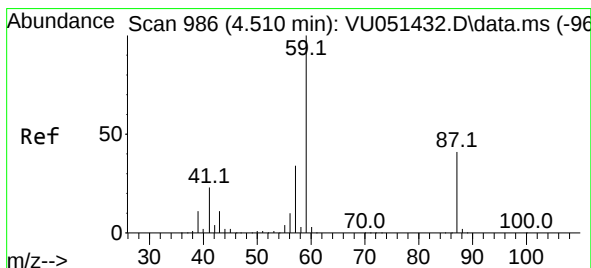
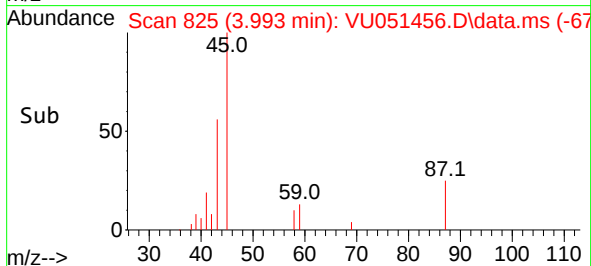
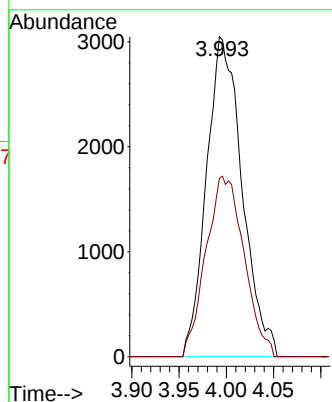
Tgt Ion: 45 Resp: 798
Ion Ratio Lower Upper
45 100
43 60.3 27.6 82.7

Manual Integrations
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Reviewed By :Krupa
Patel

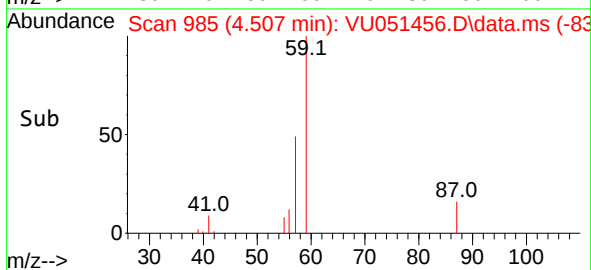
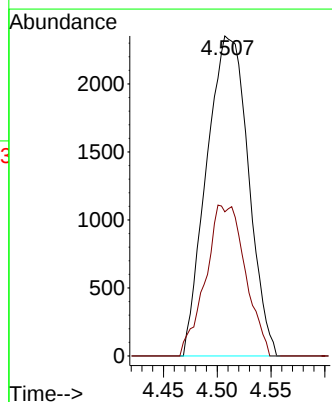
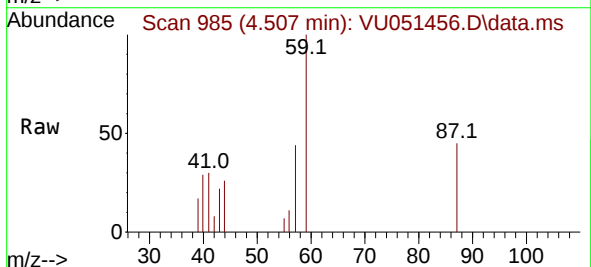
10/20/2022
Supervised By :Mahesh
Dadoda

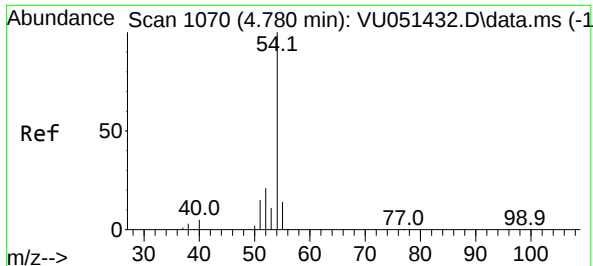
10/25/2022



#32
Ethyl-t-butyl ether
Concen: 0.209 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

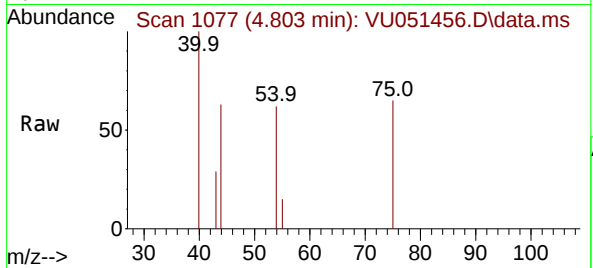
Tgt Ion: 59 Resp: 6351
Ion Ratio Lower Upper
59 100
87 44.7 33.8 50.8





#34
 Propionitrile
 Concen: 0.846 ug/l m
 RT: 4.803 min Scan# 1077
 Delta R.T. 0.022 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT3-2022



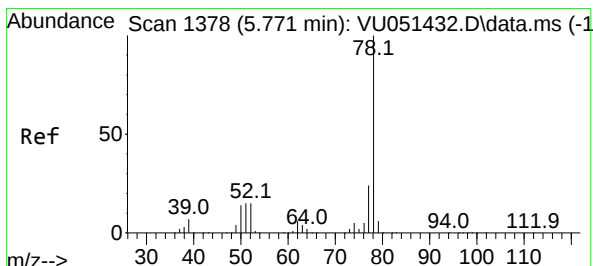
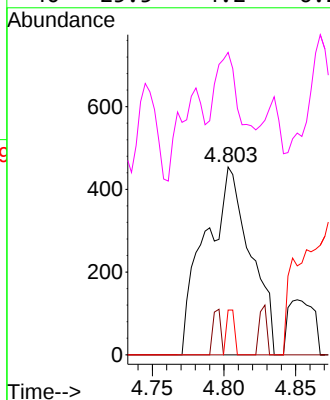
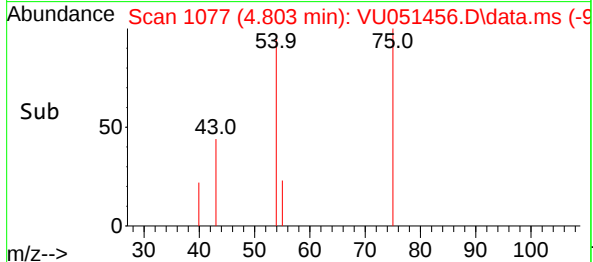
Tgt Ion	Ratio	Lower	Upper
54	100		
52	0.0	16.4	24.6
55	0.0	11.5	17.3
40	25.5	4.2	6.2

Manual Integrations
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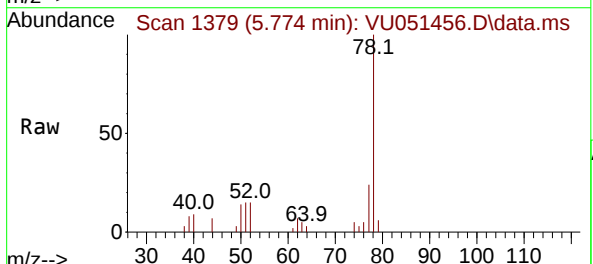
Reviewed By :Krupa
 Patel

10/20/2022
 Supervised By :Mahesh
 Dadoda

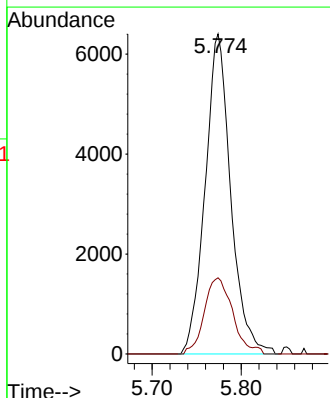
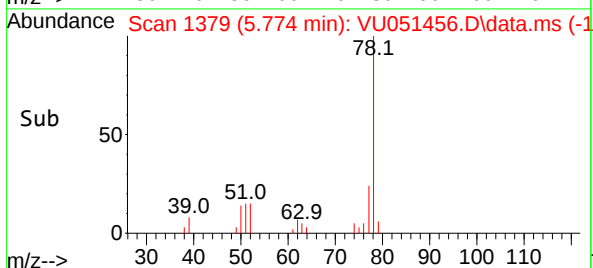
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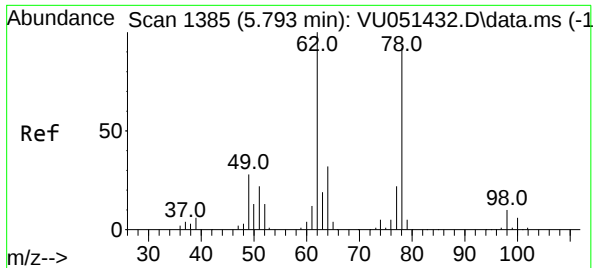


#35
 Benzene
 Concen: 0.219 ug/l
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19



Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#36

1,2-Dichloroethane

Concen: 0.256 ug/l

RT: 5.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

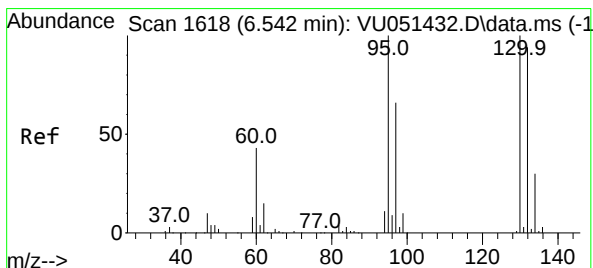
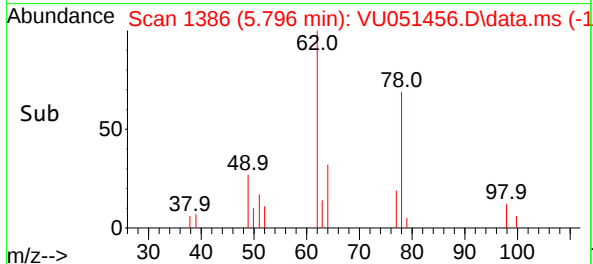
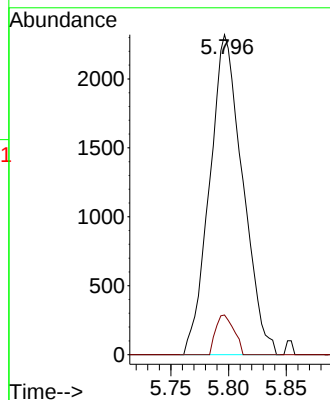
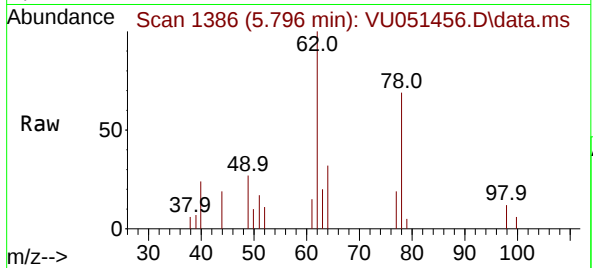
Tgt Ion: 62 Resp: 4620
 Ion Ratio Lower Upper
 62 100
 98 6.8 7.4 11.2

Manual Integrations
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Reviewed By :Krupa
 Patel

10/20/2022
 Supervised By :Mahesh
 Dadoda

10/25/2022



#37

Trichloroethene

Concen: 0.214 ug/l

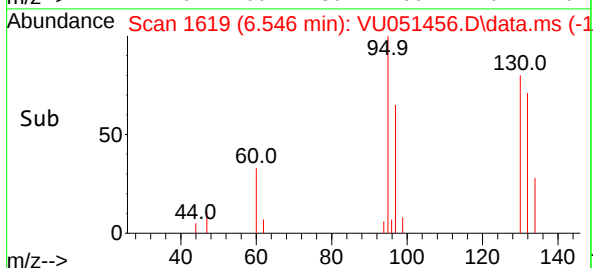
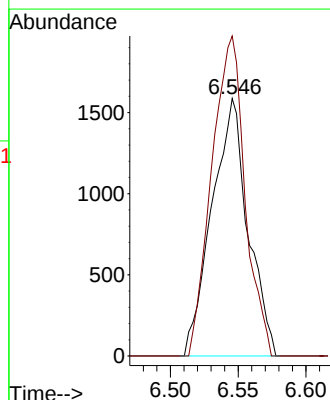
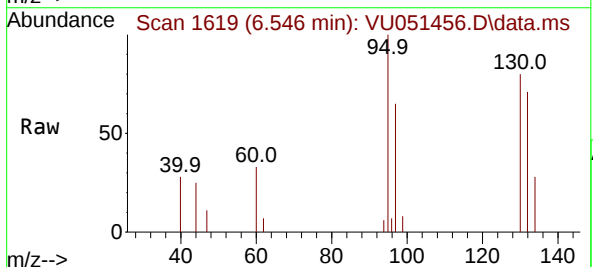
RT: 6.546 min Scan# 1619

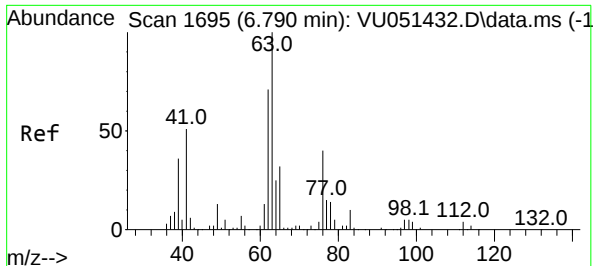
Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Tgt Ion:130 Resp: 2933
 Ion Ratio Lower Upper
 130 100
 95 124.3 80.2 120.4





#38

1,2-Dichloropropane

Concen: 0.229 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 63 Resp: 366

Ion Ratio Lower Upper

63 100

65 27.8 25.4 38.2

Manual Integrations

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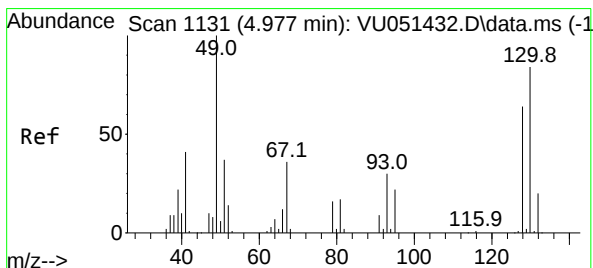
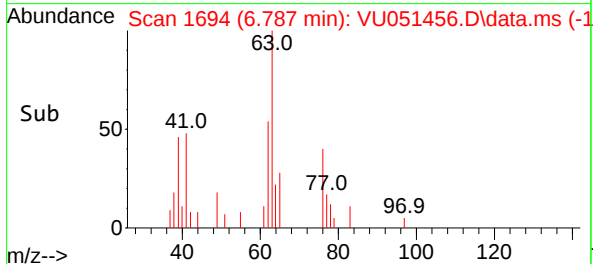
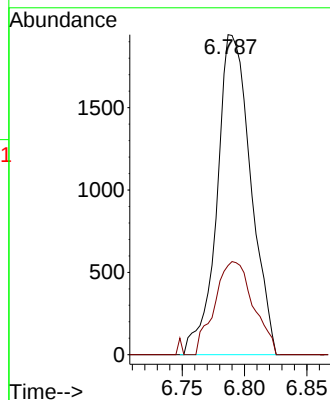
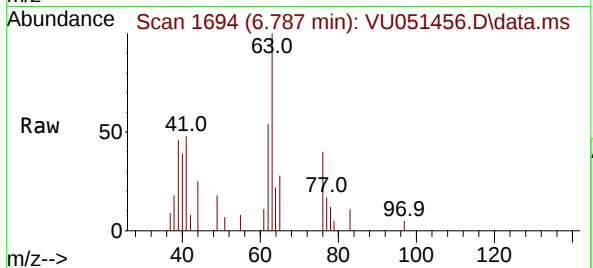
Reviewed By :Krupa

Patel

10/20/2022

Supervised By :Mahesh
Dadoda

10/25/2022



#39

Methacrylonitrile

Concen: 0.217 ug/l m

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Tgt Ion: 41 Resp: 876

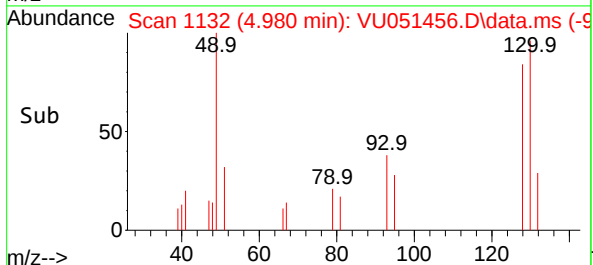
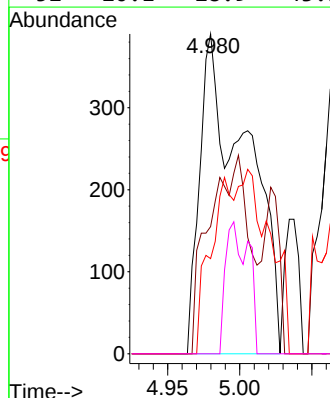
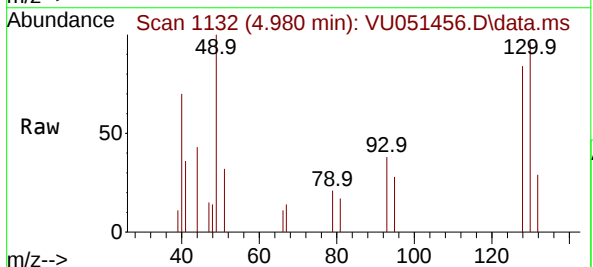
Ion Ratio Lower Upper

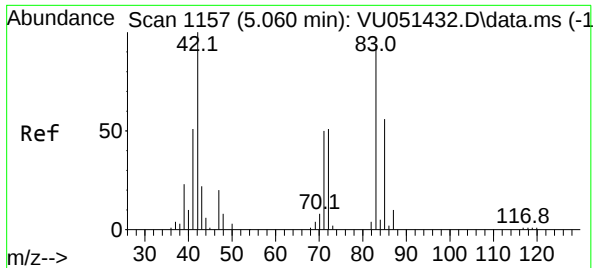
41 100

67 53.1 69.6 104.4#

39 28.0 42.2 63.4#

52 20.1 28.9 43.3#





#41
Tetrahydrofuran
Concen: 0.513 ug/l
RT: 5.070 min Scan# 1157
Delta R.T. 0.010 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

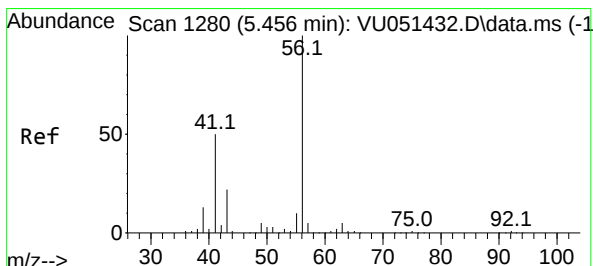
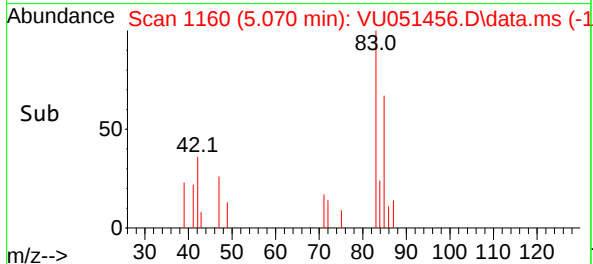
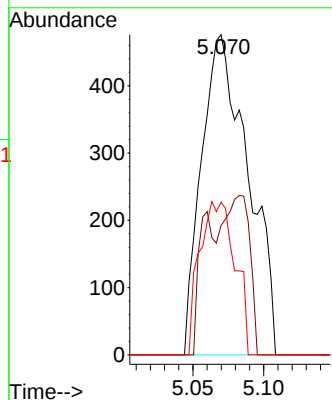
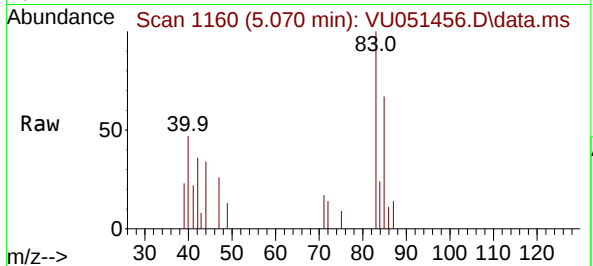
Tgt Ion: 42 Resp: 1080
Ion Ratio Lower Upper
42 100
72 16.1 42.6 64.0
71 36.6 38.3 57.5

Manual Integrations
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Reviewed By :Krupa
Patel

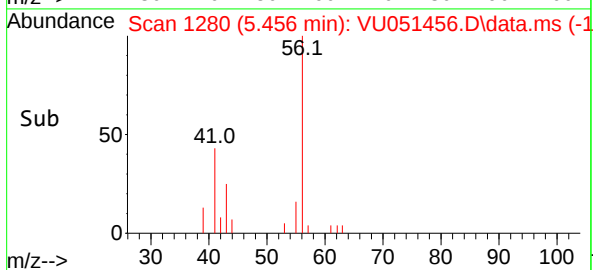
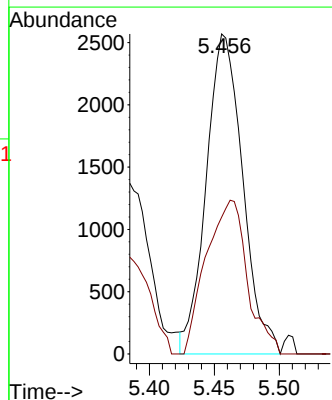
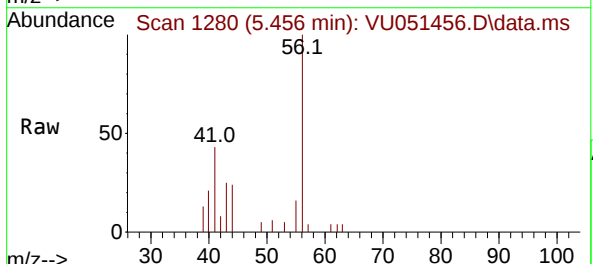
10/20/2022
Supervised By :Mahesh
Dadoda

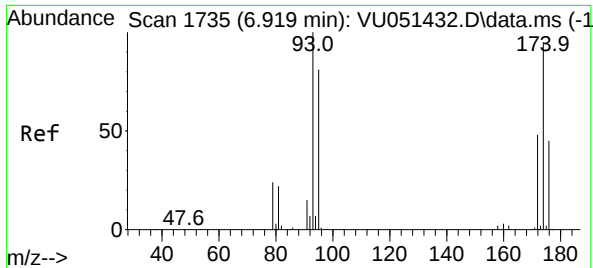
10/25/2022



#42
1-Chlorobutane
Concen: 0.211 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

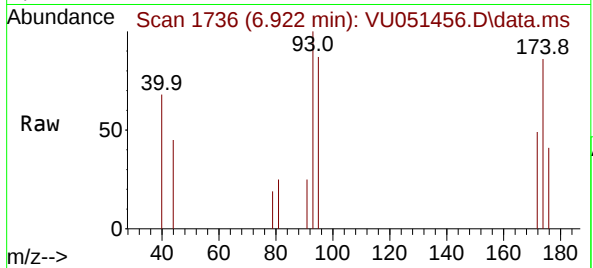
Tgt Ion: 56 Resp: 5006
Ion Ratio Lower Upper
56 100
41 54.4 24.8 74.4





#43
Dibromomethane
Concen: 0.245 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



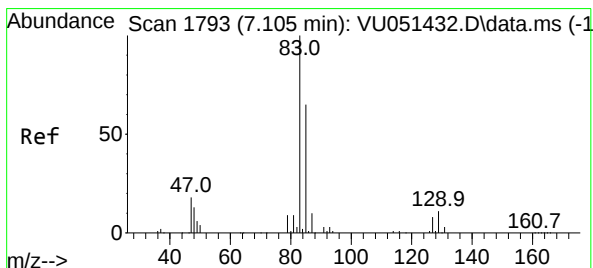
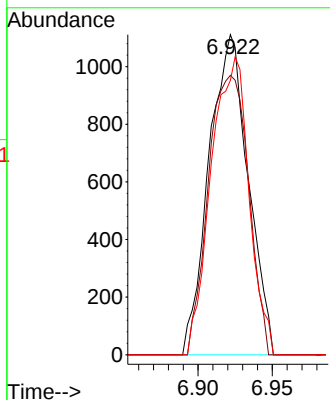
Tgt Ion: 93 Resp: 204
Ion Ratio Lower Upper
93 100
95 89.6 66.7 100.1
174 89.4 75.5 113.3

Manual Integrations
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Reviewed By :Krupa
Patel

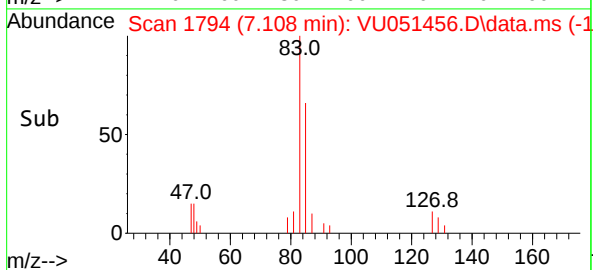
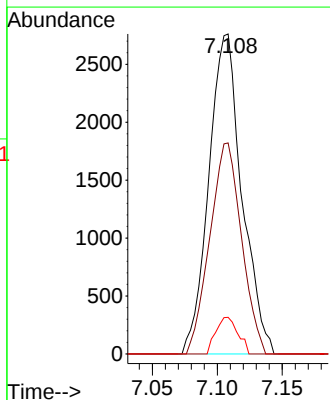
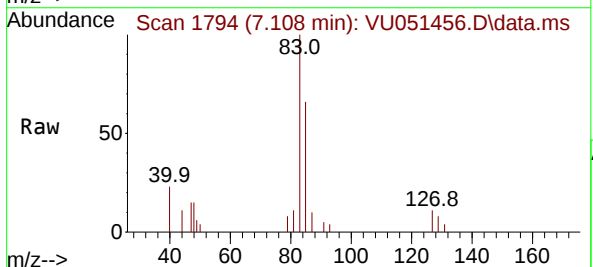
10/20/2022
Supervised By :Mahesh
Dadoda

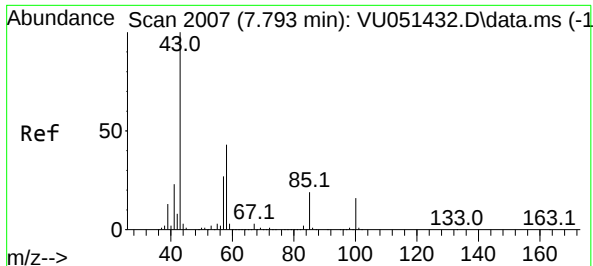
10/25/2022



#44
Bromodichloromethane
Concen: 0.243 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 83 Resp: 4893
Ion Ratio Lower Upper
83 100
85 65.9 52.1 78.1
127 11.4 6.8 10.2#





#45

4-Methyl-2-Pentanone

Concen: 0.949 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:	43	Resp:	751
Ion	Ratio	Lower	Upper
43	100		
58	36.2	21.4	64.3
85	17.9	15.4	23.0

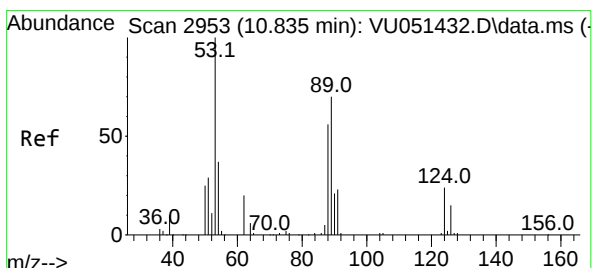
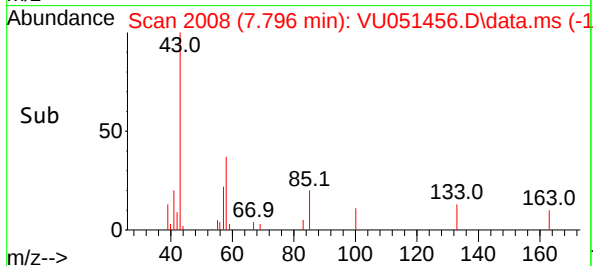
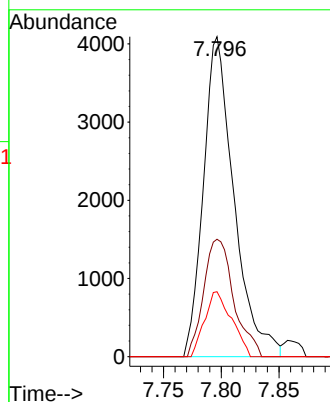
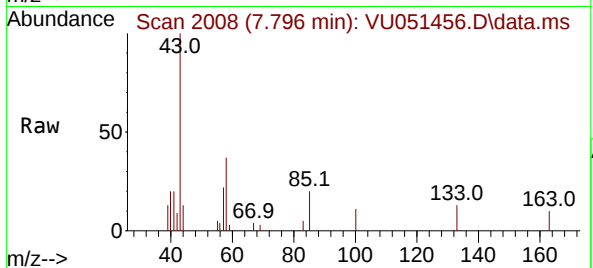
Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

10/20/2022

Supervised By :Mahesh
Dadoda

10/25/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.588 ug/l m

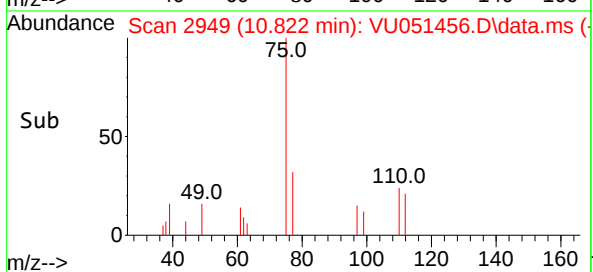
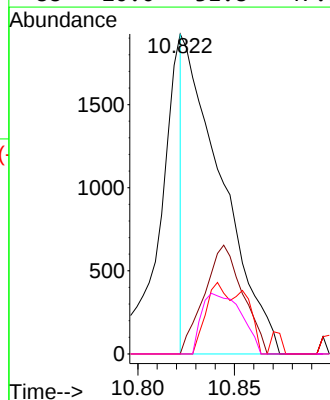
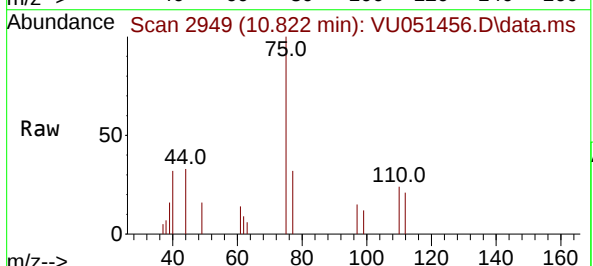
RT: 10.822 min Scan# 2949

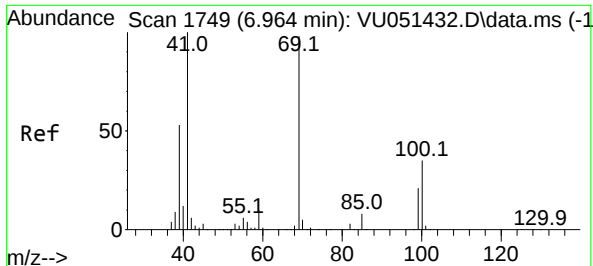
Delta R.T. -0.013 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

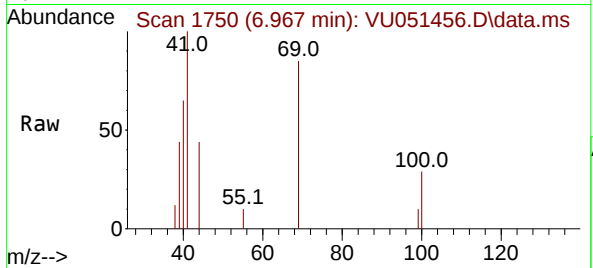
Tgt Ion:	75	Resp:	2599
Ion	Ratio	Lower	Upper
75	100		
53	34.9	61.1	91.7#
89	13.8	41.0	61.6#
88	20.0	31.8	47.8#





#47
Methyl methacrylate
Concen: 0.328 ug/l
RT: 6.967 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



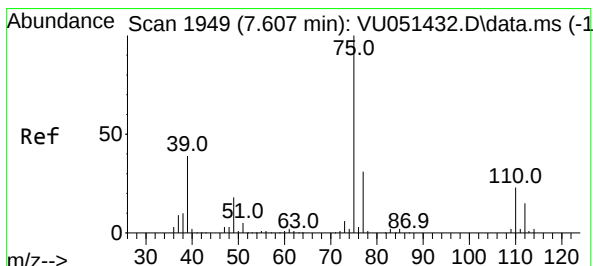
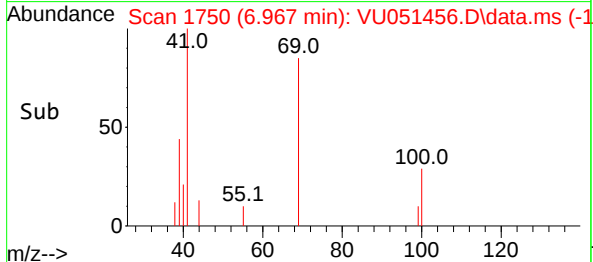
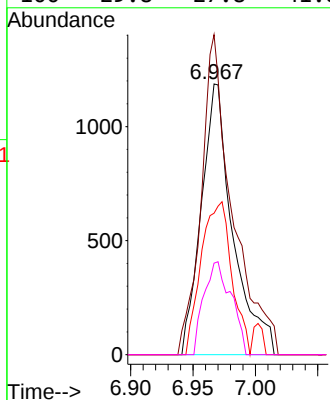
Tgt Ion: 69 Resp: 2084
Ion Ratio Lower Upper
69 100
41 117.4 0.0 200.8
39 55.0 44.1 66.1
100 29.8 27.8 41.8

Manual Integrations
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Reviewed By :Krupa
Patel

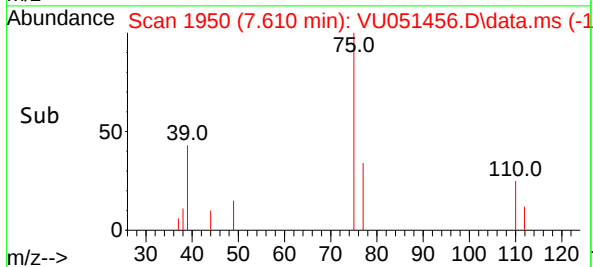
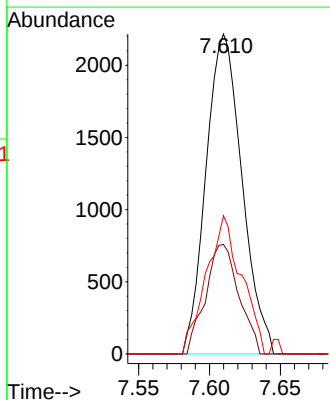
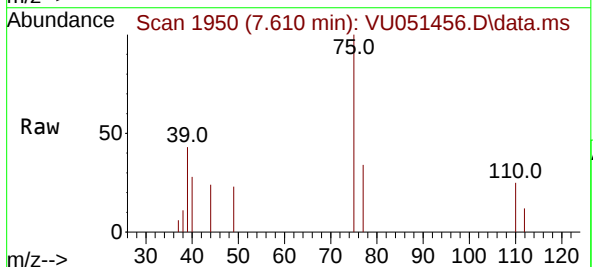
10/20/2022
Supervised By :Mahesh
Dadoda

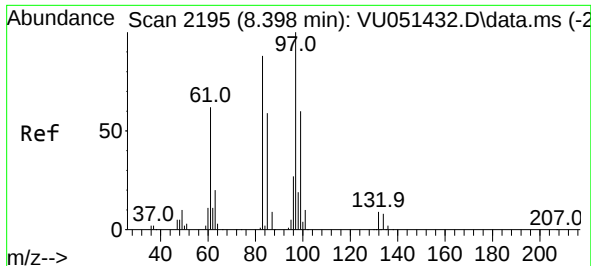
10/25/2022



#51
cis-1,3-Dichloropropene
Concen: 0.205 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 75 Resp: 3917
Ion Ratio Lower Upper
75 100
77 34.2 25.1 37.7
39 43.2 31.4 47.0





#52

1,1,2-Trichloroethane

Concen: 0.228 ug/l

RT: 8.401 min Scan# 2195

Delta R.T. 0.003 min

Lab File: VU051456.D

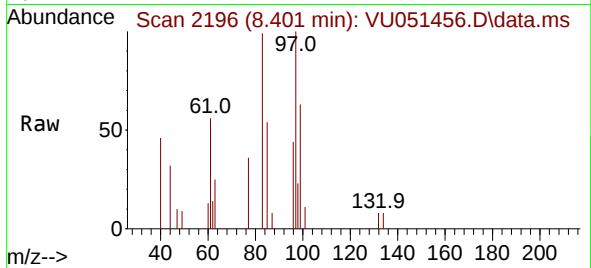
Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 97 Resp: 270

Ion Ratio Lower Upper

97 100

83 99.0 70.6 105.8

85 54.3 47.0 70.4

99 62.6 49.8 74.8

Manual Integrations

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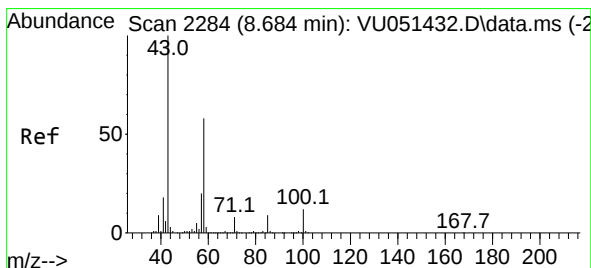
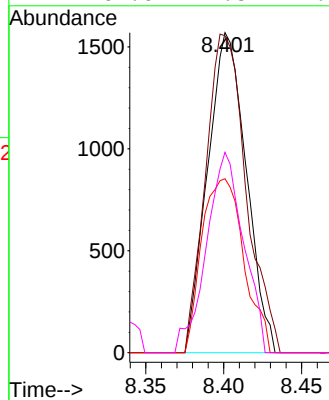
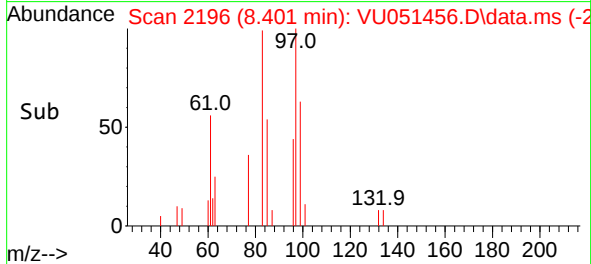
Patel

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#54

2-Hexanone

Concen: 0.929 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

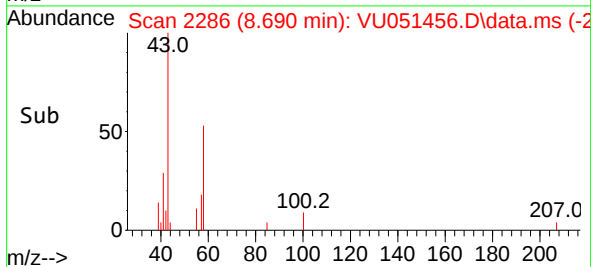
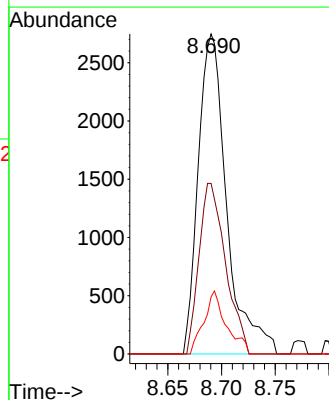
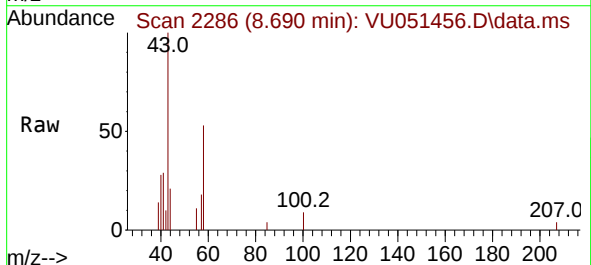
Tgt Ion: 43 Resp: 5060

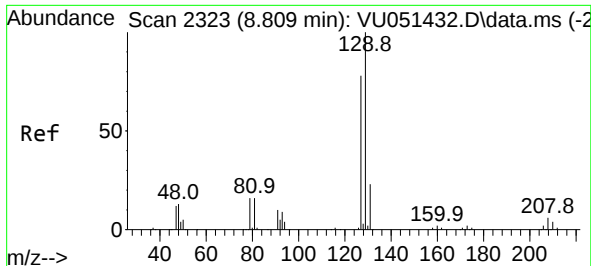
Ion Ratio Lower Upper

43 100

58 49.6 38.0 78.0

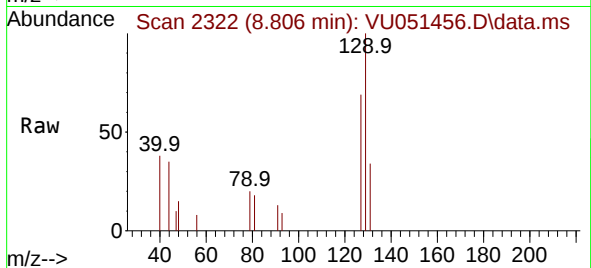
57 15.5 0.0 39.9





#55
Dibromochloromethane
Concen: 0.234 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



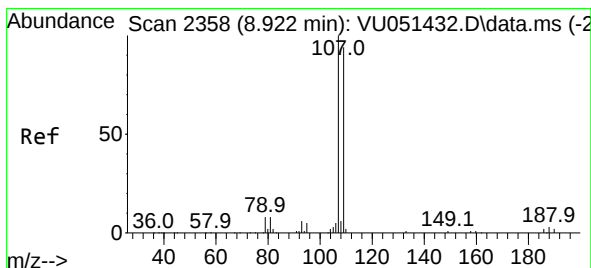
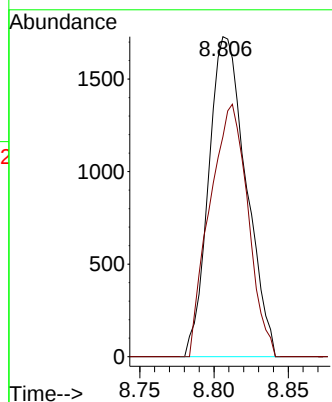
Tgt Ion:129 Resp: 302
Ion Ratio Lower Upper
129 100
127 80.4 62.1 93.1

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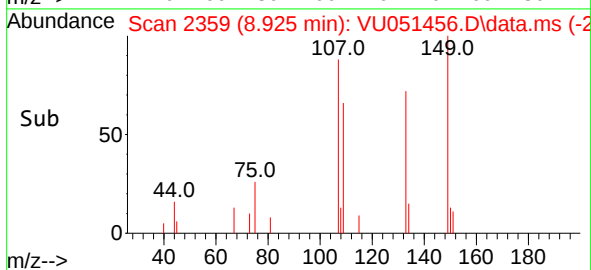
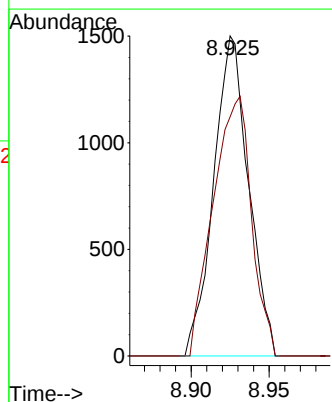
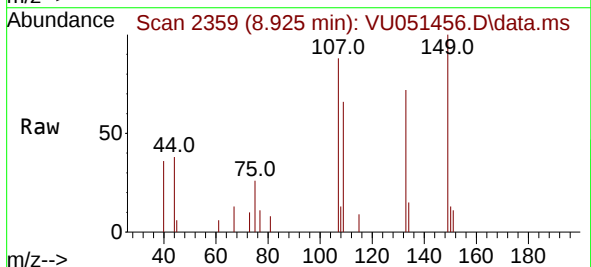
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Dadoda

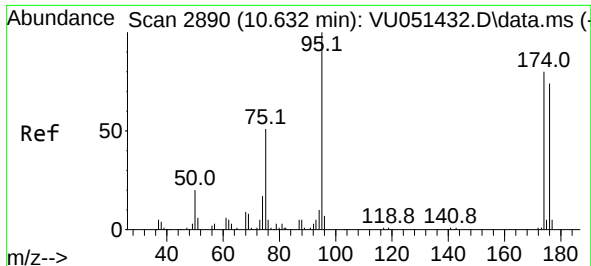
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#56
1,2-Dibromoethane
Concen: 0.224 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

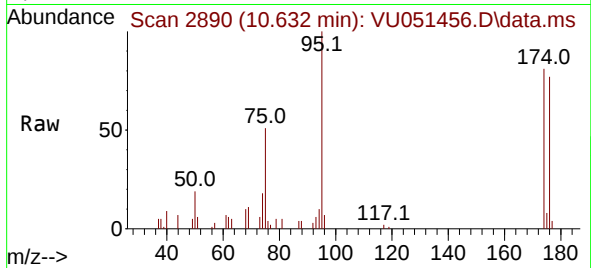
Tgt Ion:107 Resp: 2336
Ion Ratio Lower Upper
107 100
109 89.2 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 0.781 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



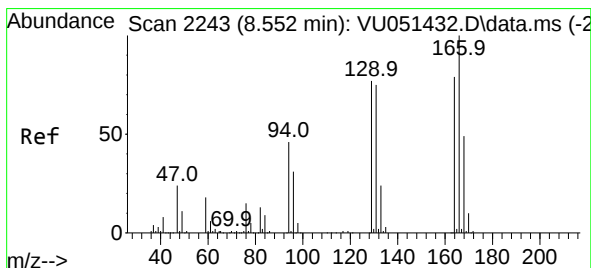
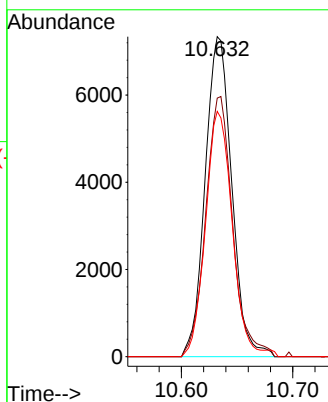
Tgt Ion: 95 Resp: 1218
Ion Ratio Lower Upper
95 100
174 82.1 63.0 94.6
176 77.2 59.8 89.6

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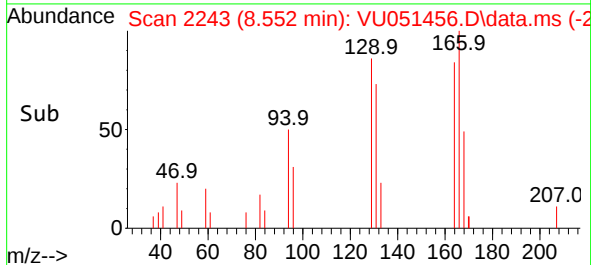
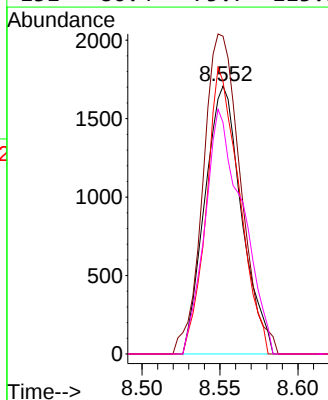
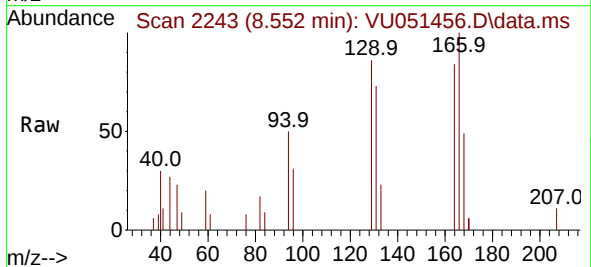
10/20/2022
Supervised By :Mahesh
Dadoda

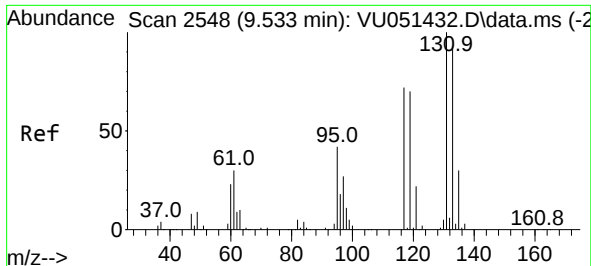
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#58
Tetrachloroethene
Concen: 0.234 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

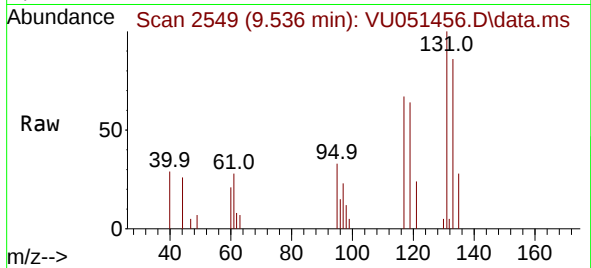
Tgt Ion:164 Resp: 2802
Ion Ratio Lower Upper
164 100
166 118.6 100.9 151.3
129 101.8 77.5 116.3
131 86.4 75.7 113.5





#60
1,1,1,2-Tetrachloroethane
Concen: 0.255 ug/l
RT: 9.536 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



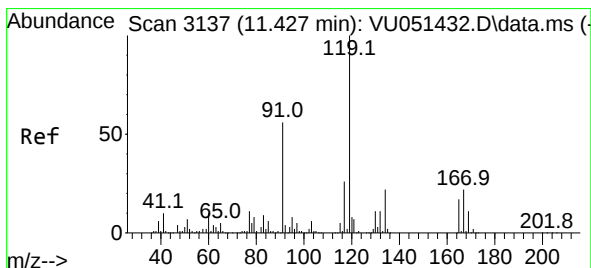
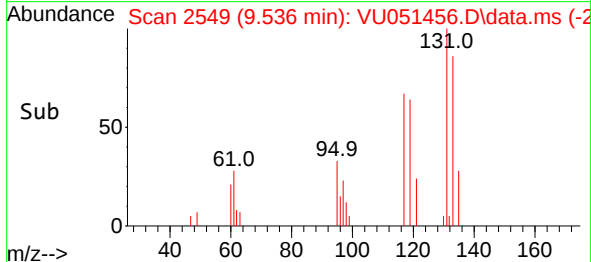
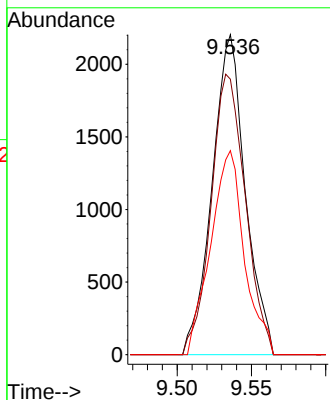
Tgt Ion:131 Resp: 343
Ion Ratio Lower Upper
131 100
133 90.4 76.5 114.7
119 64.6 56.5 84.7

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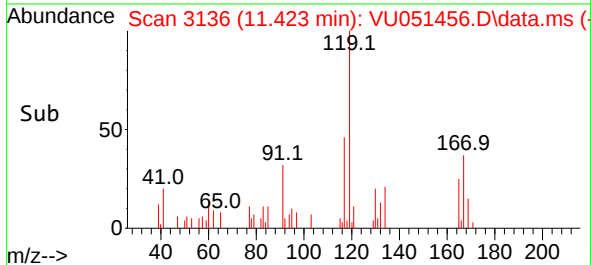
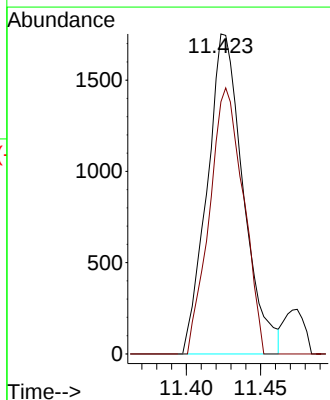
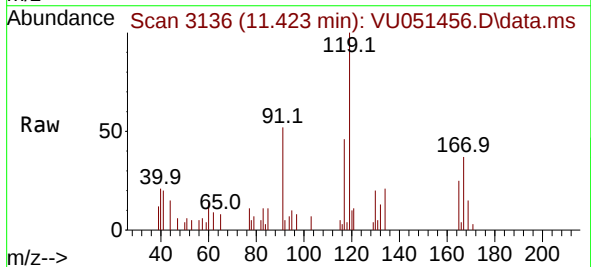
10/20/2022
Supervised By :Mahesh
Dadoda

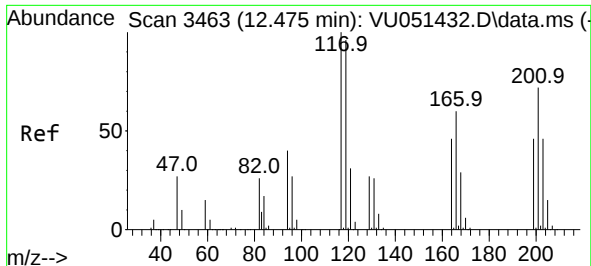
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#61
Pentachloroethane
Concen: 0.247 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.004 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

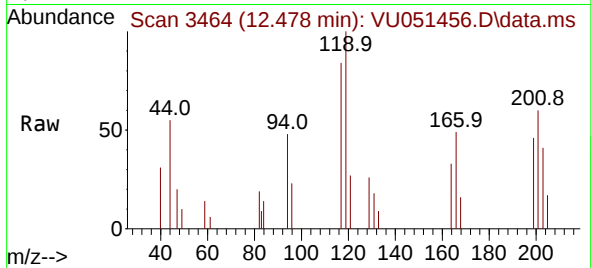
Tgt Ion:117 Resp: 2965
Ion Ratio Lower Upper
117 100
167 78.0 63.3 94.9





#62
Hexachloroethane
Concen: 0.208 ug/l
RT: 12.478 min Scan# 3463
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



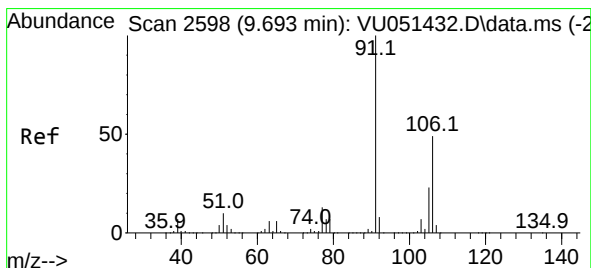
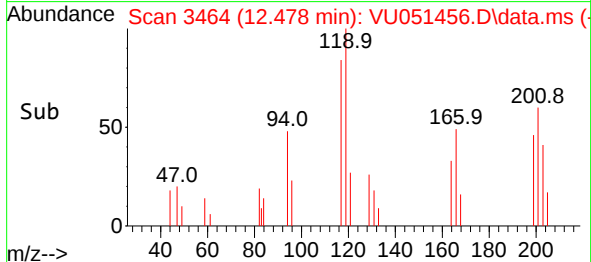
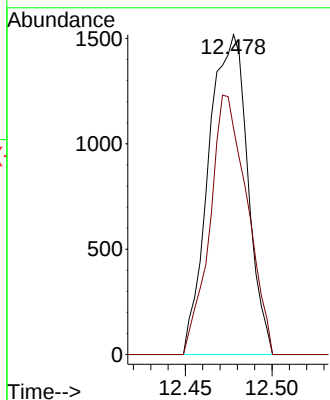
Tgt Ion:117 Resp: 237
Ion Ratio Lower Upper
117 100
201 77.5 57.4 86.2

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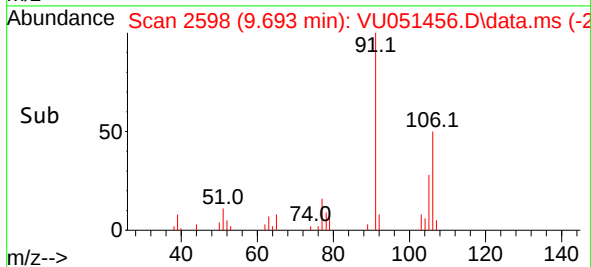
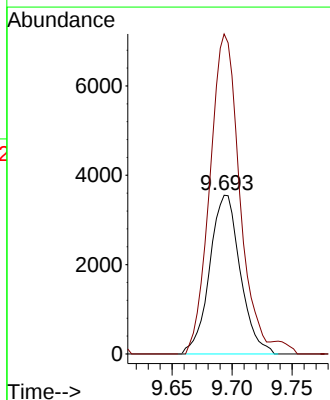
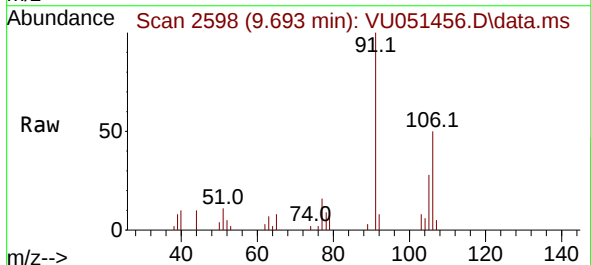
10/20/2022
Supervised By :Mahesh
Dadoda

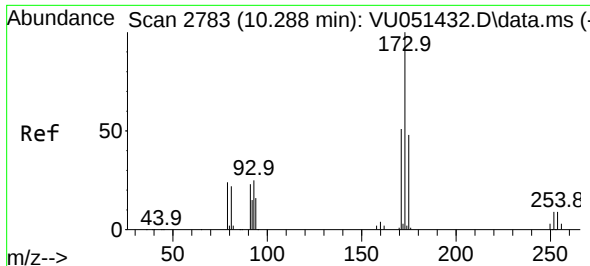
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#64
m/p-Xylenes
Concen: 0.296 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

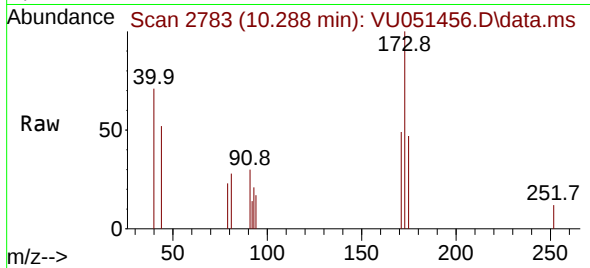
Tgt Ion:106 Resp: 6304
Ion Ratio Lower Upper
106 100
91 195.3 163.2 244.8





#67
Bromoform
Concen: 0.256 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



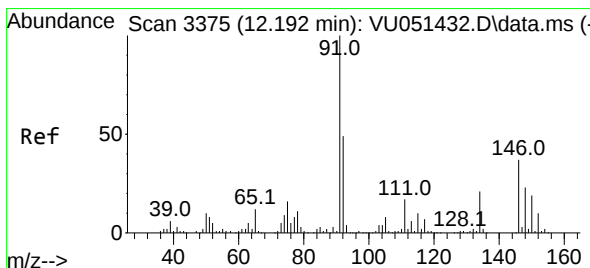
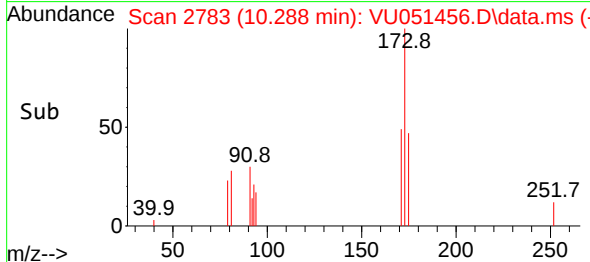
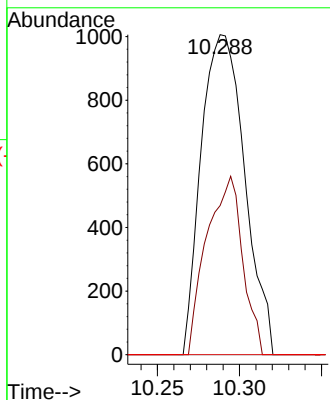
Tgt Ion:173 Resp: 1854
Ion Ratio Lower Upper
173 100
175 46.0 38.6 58.0
254 0.0 7.3 10.9

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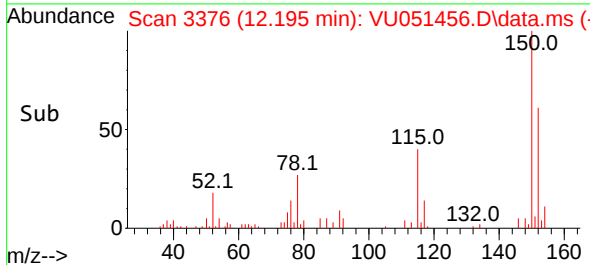
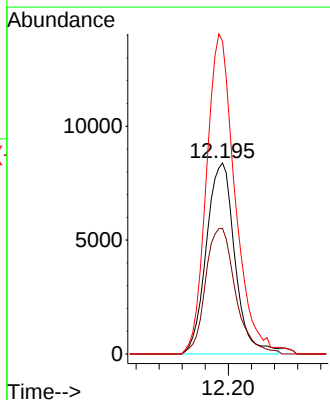
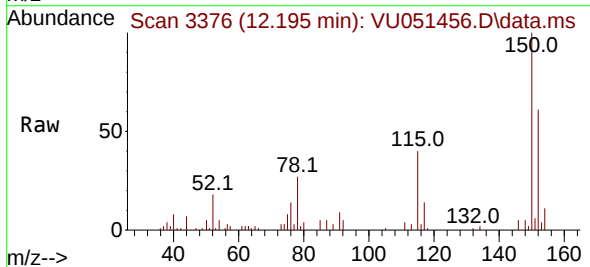
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Supervised By :Mahesh
Dadoda

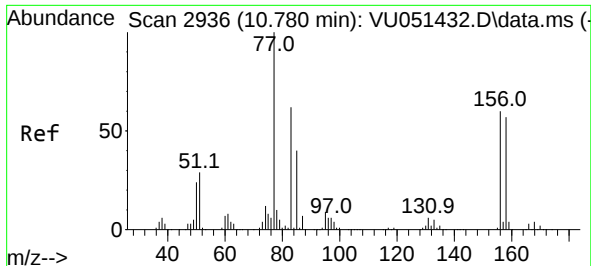
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#68
1,2-Dichlorobenzene-d4
Concen: 0.825 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

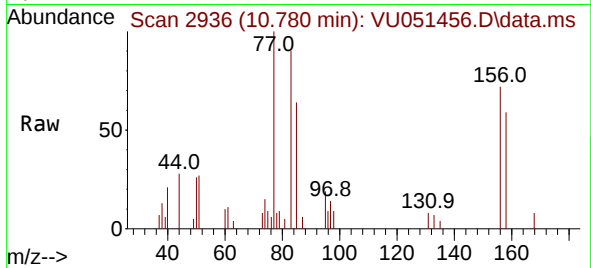
Tgt Ion:152 Resp: 14370
Ion Ratio Lower Upper
152 100
115 69.2 0.0 333.0
150 168.8 0.0 662.0





#70
1,1,2,2-Tetrachloroethane
Concen: 0.233 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



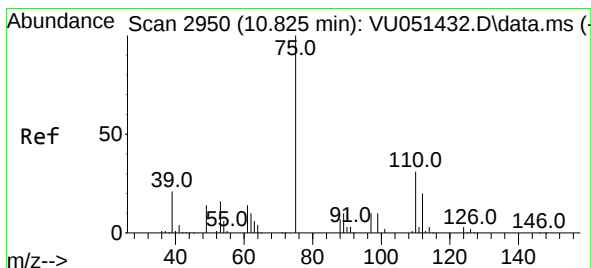
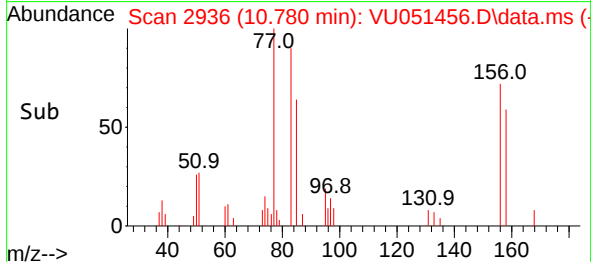
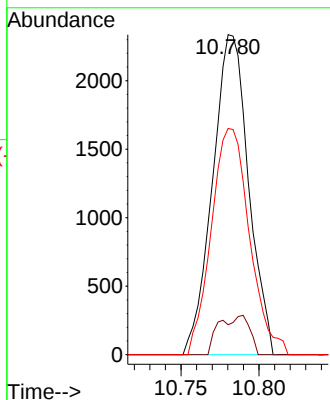
Tgt Ion: 83 Resp: 3750
Ion Ratio Lower Upper
83 100
131 4.5 7.2 10.8
85 75.0 51.4 77.2

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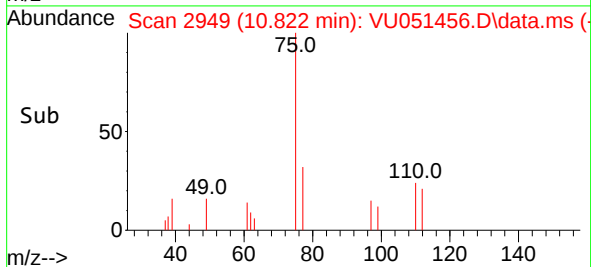
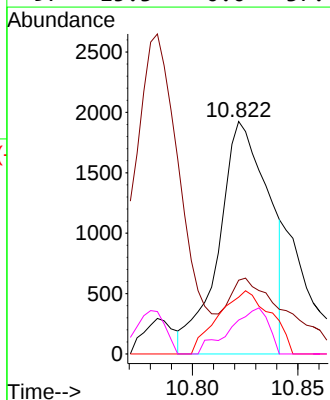
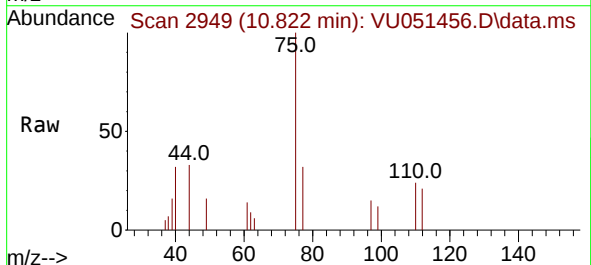
10/20/2022
Supervised By :Mahesh
Dadoda

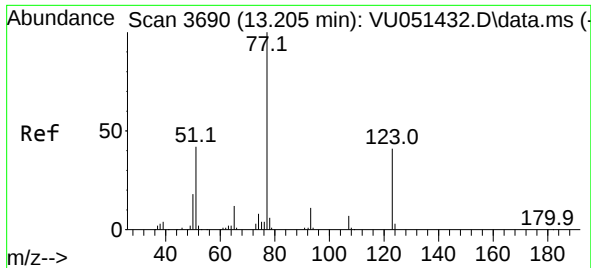
10/25/2022



#71
1,2,3-Trichloropropane
Concen: 0.265 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

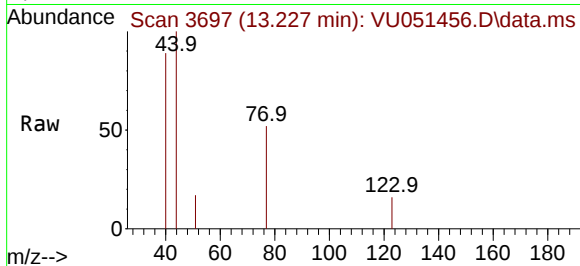
Tgt Ion: 75 Resp: 3167
Ion Ratio Lower Upper
75 100
77 38.1 0.0 111.0
110 28.7 0.0 70.2
97 15.3 0.0 37.4





#80
Nitrobenzene
Concen: 0.956 ug/l
RT: 13.227 min Scan# 3697
Delta R.T. 0.022 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



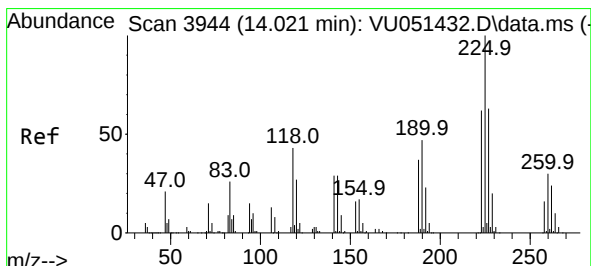
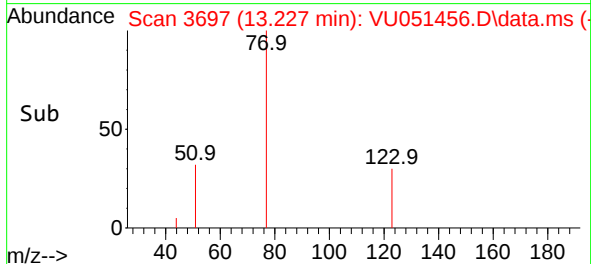
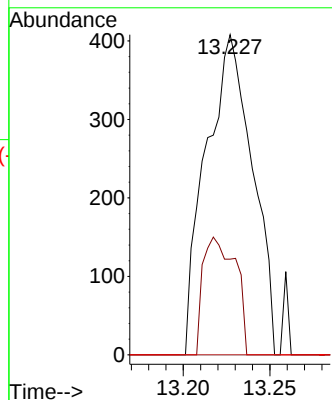
Tgt Ion: 77 Resp: 76.1
Ion Ratio Lower Upper
77 100
123 25.6 17.5 62.1
65 0.0 11.1 14.1

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Reviewed By :Krupa
Patel

10/20/2022
Supervised By :Mahesh
Dadoda

10/25/2022



#88
Hexachlorobutadiene
Concen: 0.237 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:225 Resp: 2478
Ion Ratio Lower Upper
225 100
223 68.1 50.1 75.1
227 63.8 51.4 77.2

