

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051455.D
 Acq On : 19 Oct 2022 13:50
 Operator : JC/MD
 Sample : N4955-09 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Oct 20 07:40:45 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 10/25/2022

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

Internal Standards						
1) Fluorobenzene	6.112	96	46183	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12327	0.761	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	14493	0.801	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.533	50	6716	0.264	ug/l	97
4) Vinyl Chloride	1.601	62	4437	0.202	ug/l	90
5) Bromomethane	1.855	94	3441	0.281	ug/l	91
6) Chloroethane	1.932	64	3923	0.313	ug/l	91
7) Trichlorofluoromethane	2.138	101	5134	0.209	ug/l	92
9) 1,1-Dichloroethene	2.578	96	3356	0.237	ug/l	91
10) Iodomethane	2.720	142	3759	0.205	ug/l	92
11) Allyl Chloride	2.922	41	5459	0.253	ug/l	91
12) Acrylonitrile	3.324	53	2348	0.563	ug/l	97
13) Acetone	2.639	43	5363m	1.786	ug/l	
14) Carbon Disulfide	2.790	76	11639	0.230	ug/l #	93
15) Methylene Chloride	3.041	84	11008	0.530	ug/l	94
16) trans-1,2-Dichloroethene	3.347	96	3877	0.239	ug/l	90
17) 1,1-Dichloroethane	3.864	63	6929	0.237	ug/l #	95
18) 2-Butanone	4.732	43	3697	1.015	ug/l	75
21) 2,2-Dichloropropane	4.662	77	4714	0.231	ug/l	93
22) cis-1,2-Dichloroethene	4.671	96	3139	0.204	ug/l	97
23) Diethyl Ether	2.376	59	2906	0.235	ug/l	93
24) tert-Butyl Alcohol	3.234	59	3582m	2.760	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	8639	0.234	ug/l	93
26) Bromochloromethane	4.970	128	1630	0.217	ug/l	91
27) Chloroform	5.089	83	7313	0.247	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	5202	0.220	ug/l	96
30) Carbon Tetrachloride	5.517	117	4102	0.206	ug/l	96
31) Isopropyl Ether	4.002	45	7063	0.204	ug/l	86
32) Ethyl-t-butyl ether	4.510	59	6402	0.203	ug/l	96
34) Propionitrile	4.829	54	1195m	0.975	ug/l	
36) 1,2-Dichloroethane	5.800	62	3956	0.211	ug/l	98
38) 1,2-Dichloropropane	6.790	63	3550	0.213	ug/l #	82
41) Tetrahydrofuran	5.080	42	923	0.420	ug/l #	74
43) Dibromomethane	6.919	93	1903	0.220	ug/l	96
44) Bromodichloromethane	7.108	83	4410	0.211	ug/l	91
45) 4-Methyl-2-Pentanone	7.800	43	7373	0.896	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.825	75	2101m	0.458	ug/l	
47) Methyl methacrylate	6.967	69	1702	0.258	ug/l	89
52) 1,1,2-Trichloroethane	8.401	97	2731	0.221	ug/l #	88
54) 2-Hexanone	8.690	43	4976	0.879	ug/l	87
56) 1,2-Dibromoethane	8.928	107	2177	0.201	ug/l	93
62) Hexachloroethane	12.475	117	2568	0.217	ug/l	87
64) m/p-Xylenes	9.694	106	6108	0.277	ug/l	99
67) Bromoform	10.288	173	1590	0.211	ug/l #	93
70) 1,1,2,2-Tetrachloroethane	10.780	83	3675	0.220	ug/l	97
80) Nitrobenzene	13.224	77	852	1.031	ug/l #	75

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 20 07:37:57 2022
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

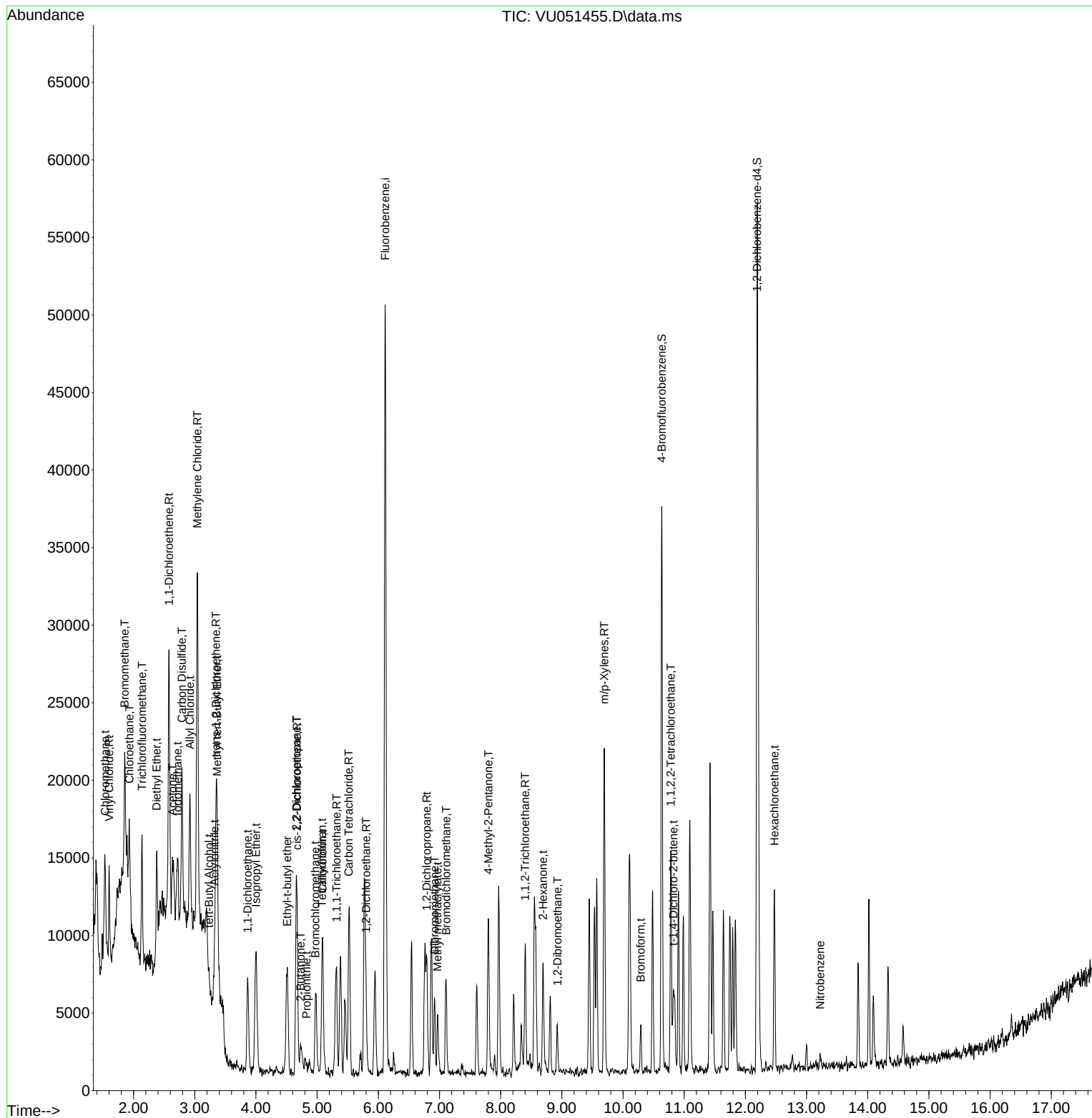
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
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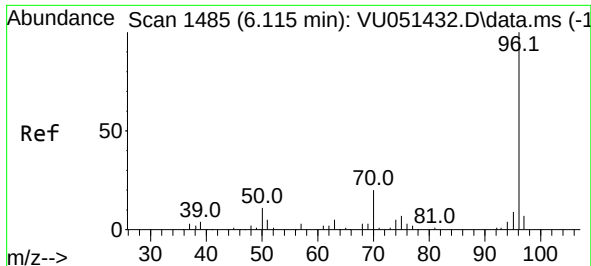
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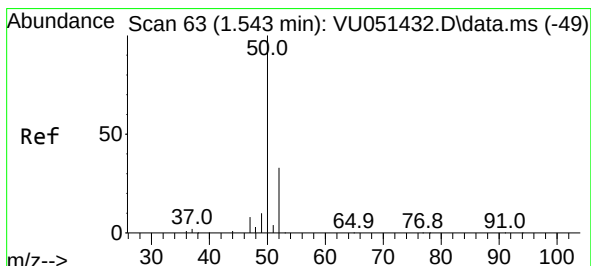
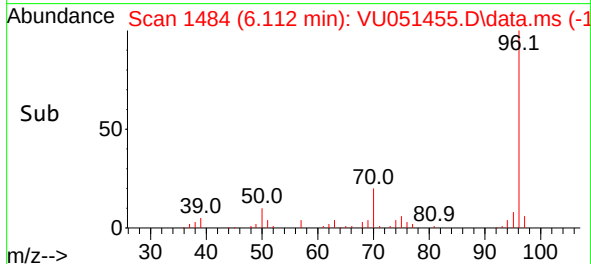
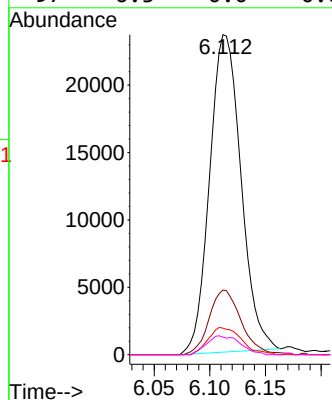
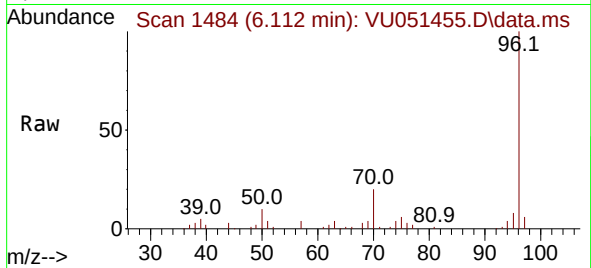
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1485
Delta R.T. -0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 96 Resp: 4618
Ion Ratio Lower Upper
96 100
70 20.9 16.7 25.1
95 9.1 7.5 11.3
97 6.3 0.0 0.0#

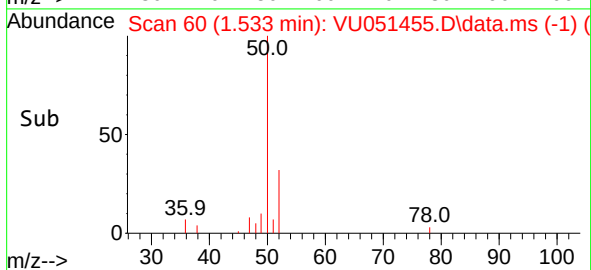
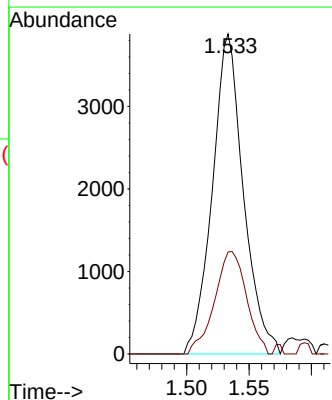
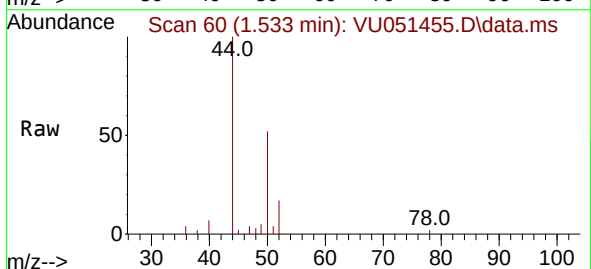
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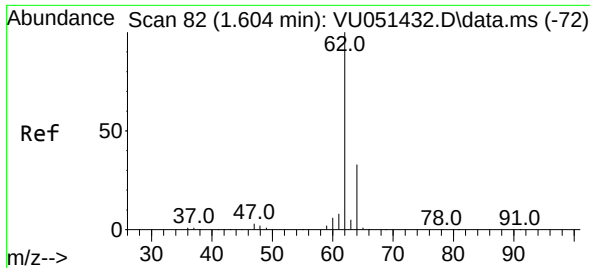
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

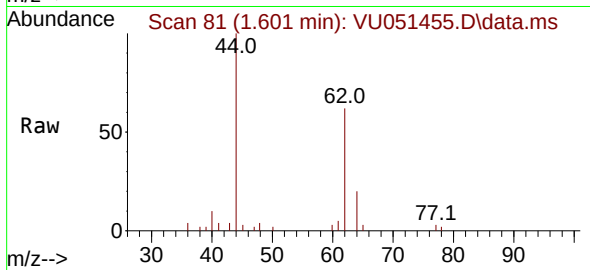
Tgt Ion: 50 Resp: 6716
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1





#4
 Vinyl Chloride
 Concen: 0.202 ug/l
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50

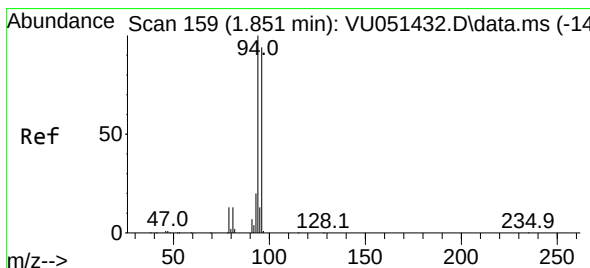
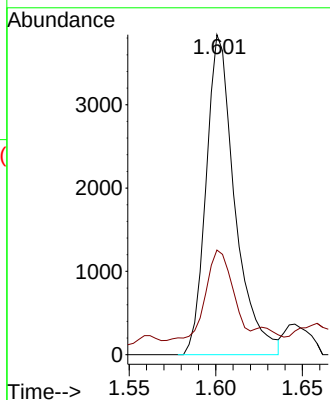
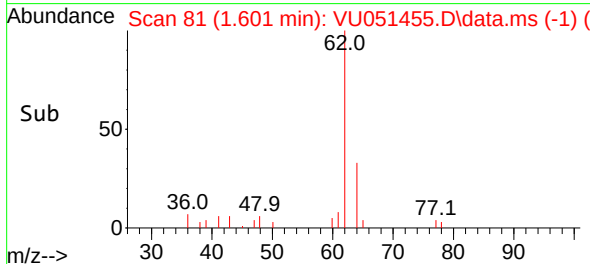
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 62 Resp: 443
 Ion Ratio Lower Upper
 62 100
 64 27.4 26.7 40.1

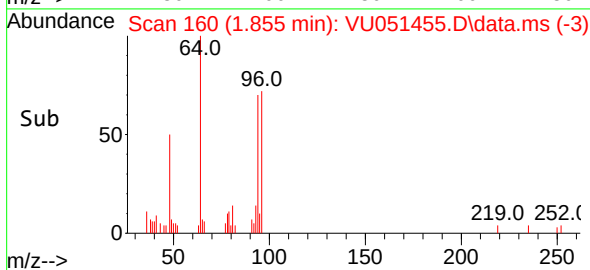
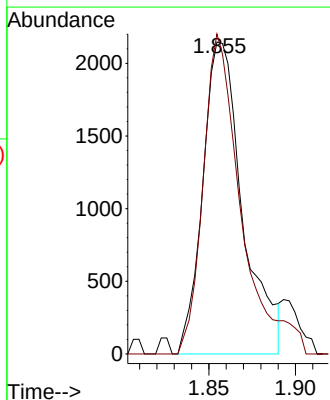
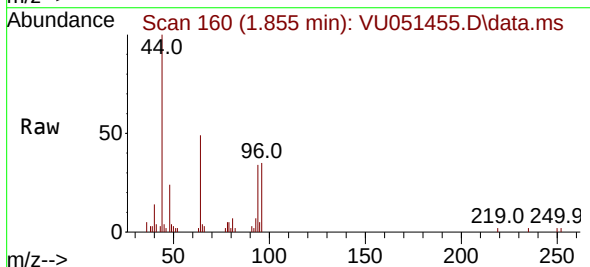
Manual Integrations
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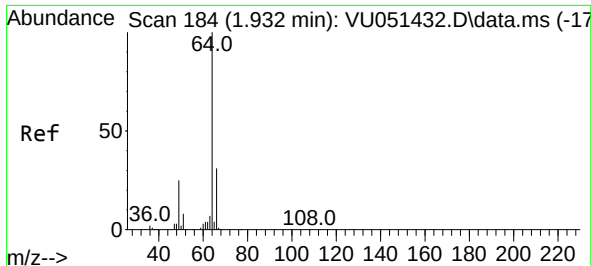
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#5
 Bromomethane
 Concen: 0.281 ug/l
 RT: 1.855 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50

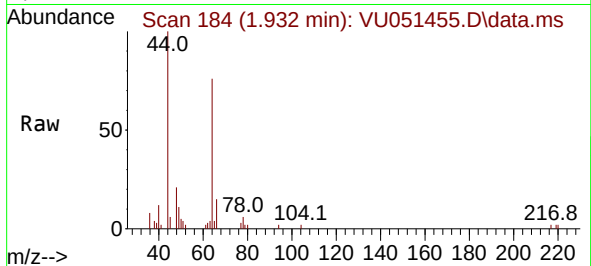
Tgt Ion: 94 Resp: 3441
 Ion Ratio Lower Upper
 94 100
 96 102.6 74.8 112.2





#6
Chloroethane
Concen: 0.313 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

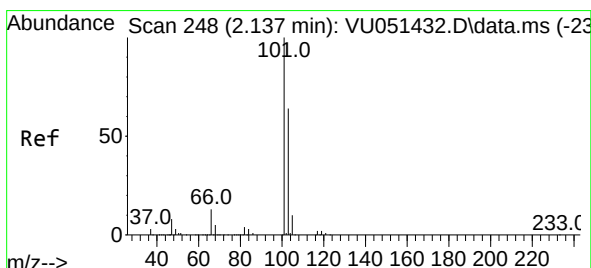
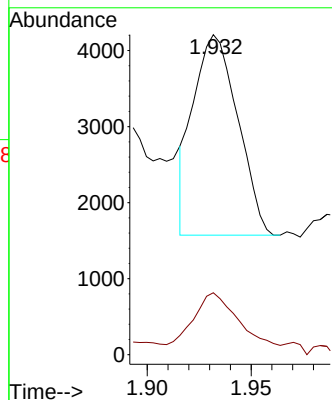
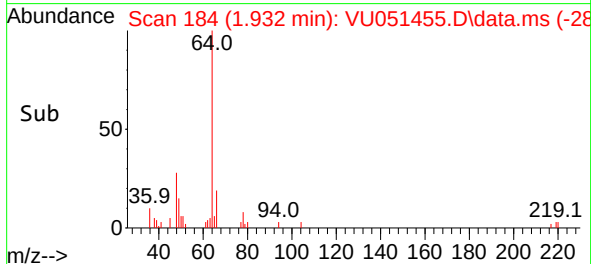
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



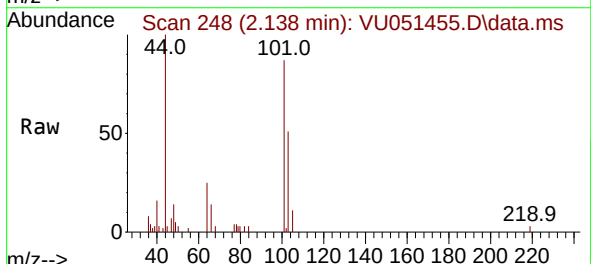
Tgt Ion: 64 Resp: 392
Ion Ratio Lower Upper
64 100
66 26.3 25.2 37.8

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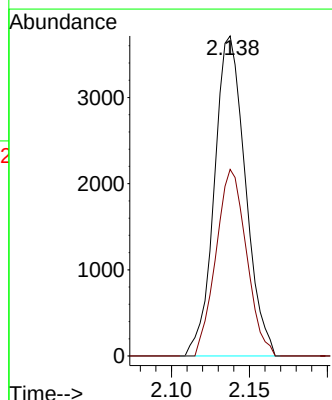
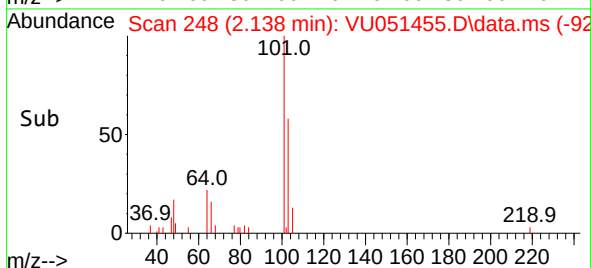
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

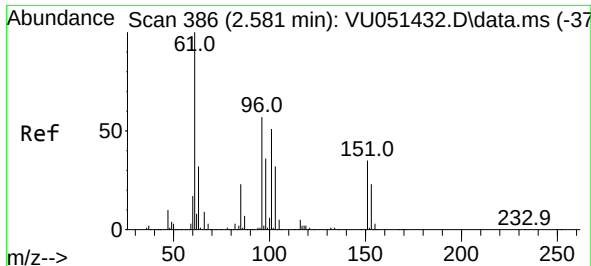


#7
Trichlorofluoromethane
Concen: 0.209 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50



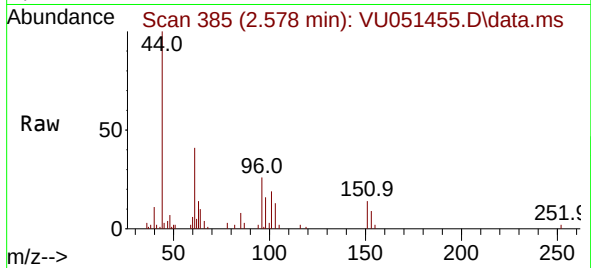
Tgt Ion:101 Resp: 5134
Ion Ratio Lower Upper
101 100
103 58.3 51.4 77.2





#9
 1,1-Dichloroethene
 Concen: 0.237 ug/l
 RT: 2.578 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50

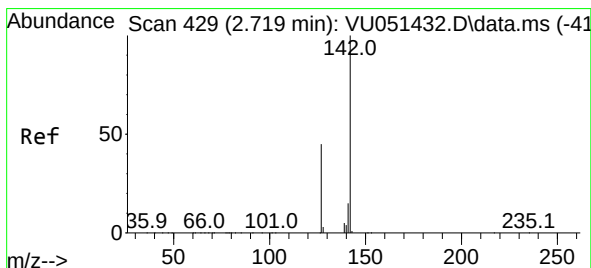
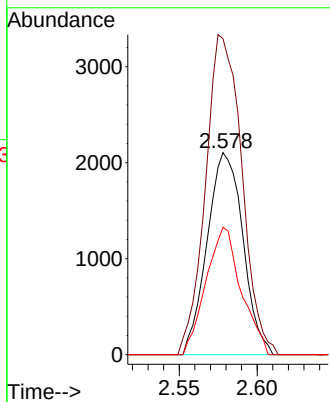
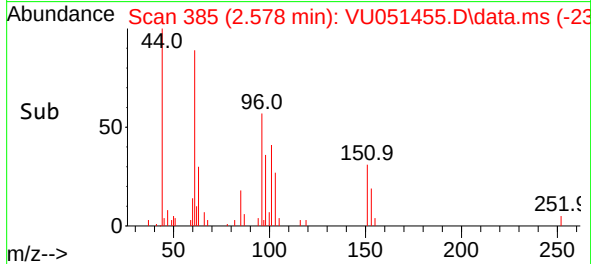
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2022



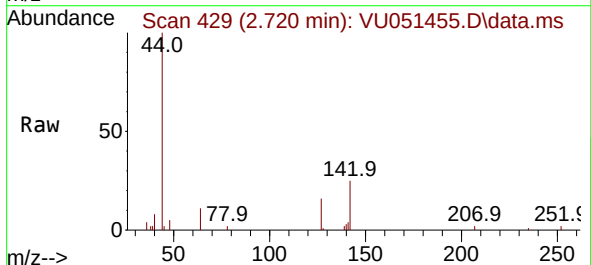
Tgt Ion: 96 Resp: 3350
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 522.3
 98 63.0 0.0 126.6

Manual Integrations
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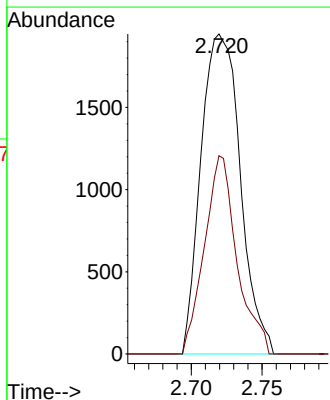
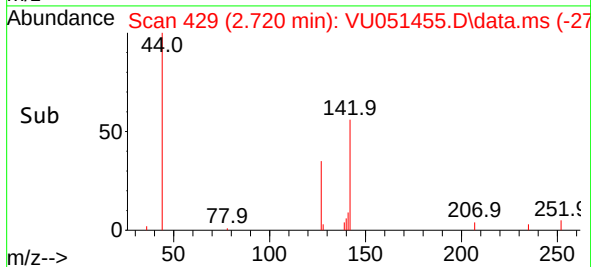
Reviewed By :Krupa Patel 10/20/2022
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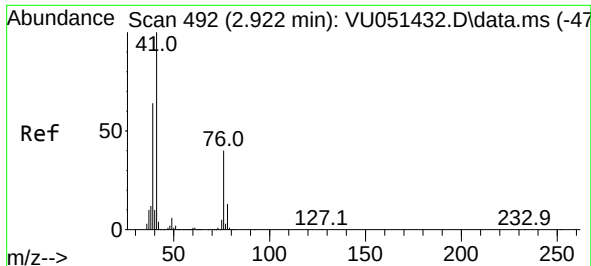


#10
 Iodomethane
 Concen: 0.205 ug/l
 RT: 2.720 min Scan# 429
 Delta R.T. 0.001 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50



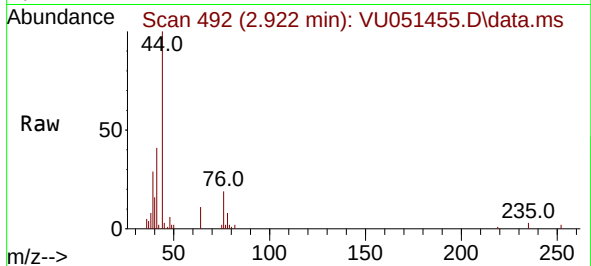
Tgt Ion:142 Resp: 3759
 Ion Ratio Lower Upper
 142 100
 127 51.2 37.0 55.4





#11
 Allyl Chloride
 Concen: 0.253 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051455.D
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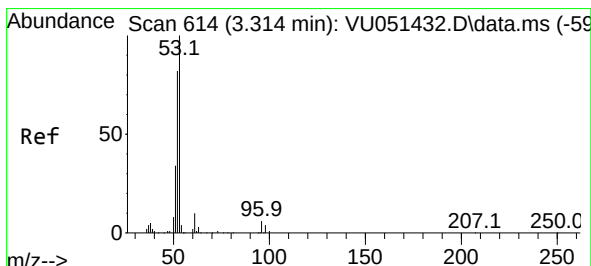
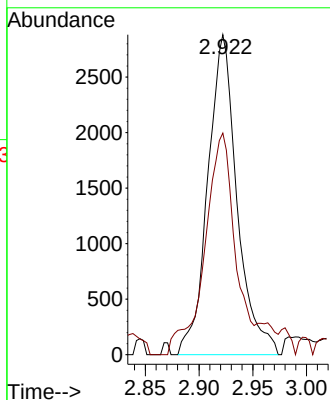
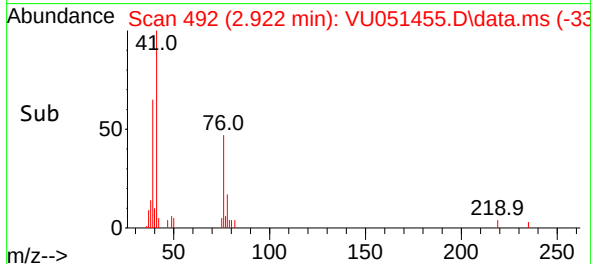
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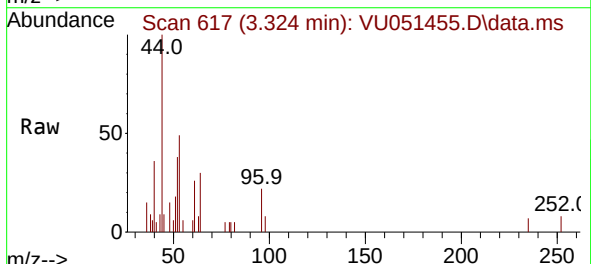
Tgt Ion: 41 Resp: 545
 Ion Ratio Lower Upper
 41 100
 39 70.9 51.4 77.0

Manual Integrations
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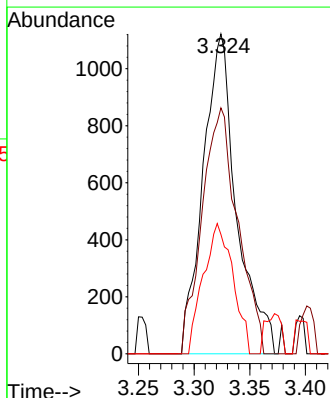
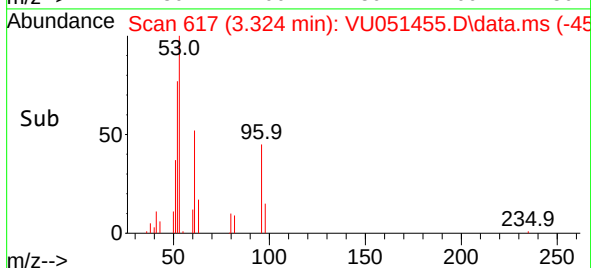
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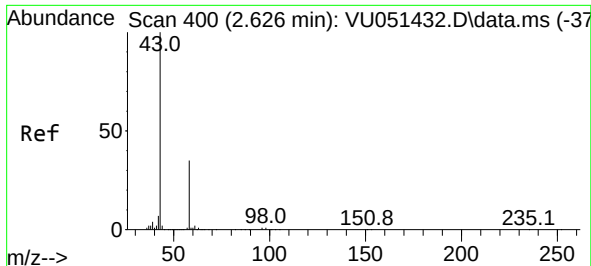


#12
 Acrylonitrile
 Concen: 0.563 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.010 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50



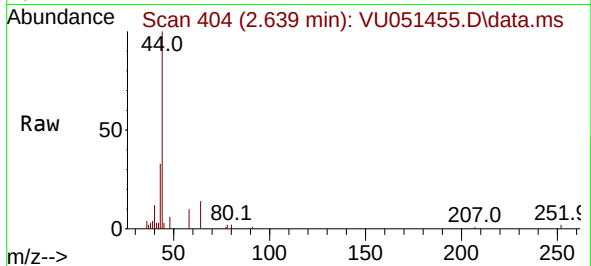
Tgt Ion: 53 Resp: 2348
 Ion Ratio Lower Upper
 53 100
 52 81.9 63.9 95.9
 51 36.0 25.9 38.9





#13
Acetone
Concen: 1.786 ug/l m
RT: 2.639 min Scan# 400
Delta R.T. 0.013 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

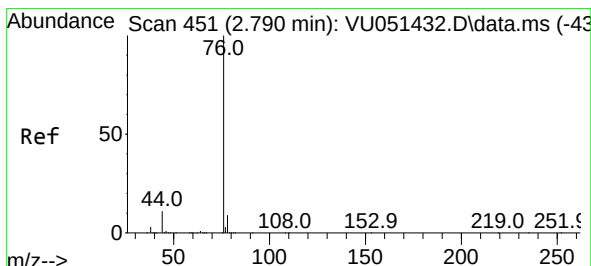
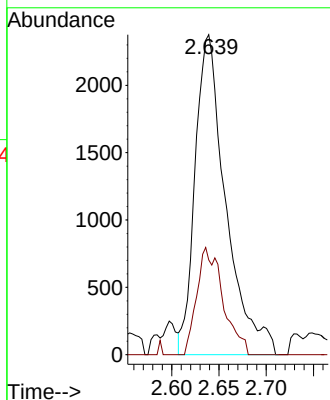
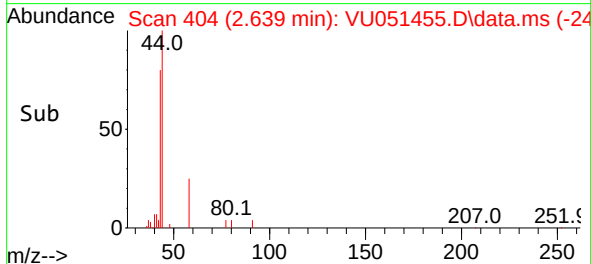
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 29.6 27.9 41.9

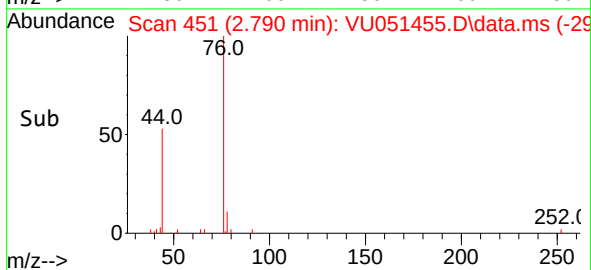
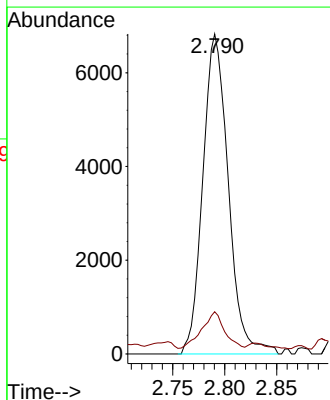
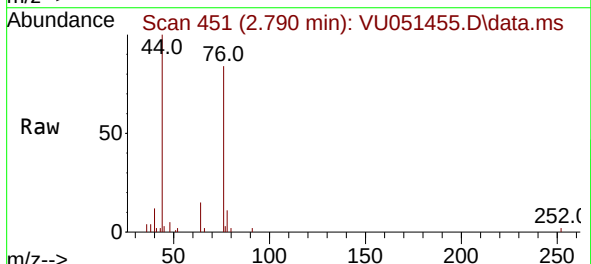
Manual Integrations
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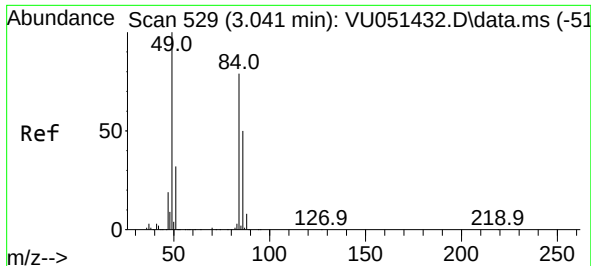
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#14
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

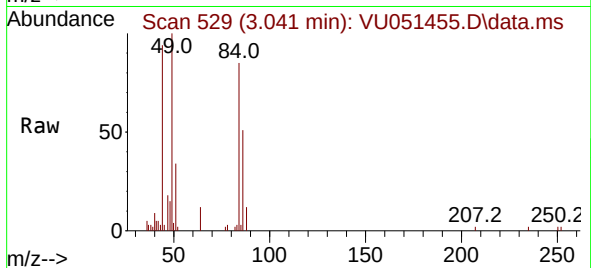
Tgt Ion: 76 Resp: 11639
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#





#15
Methylene Chloride
Concen: 0.530 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

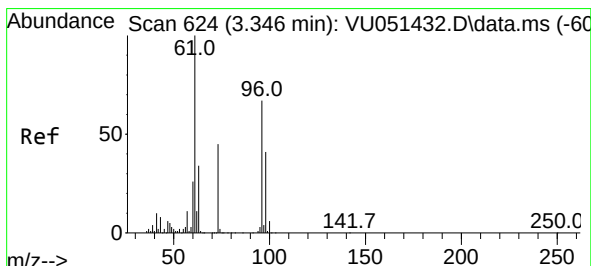
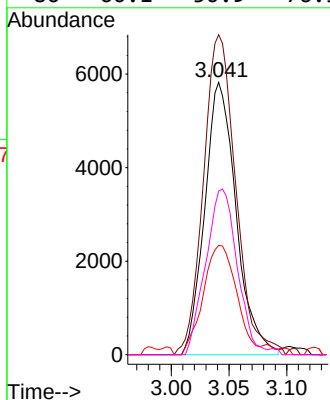
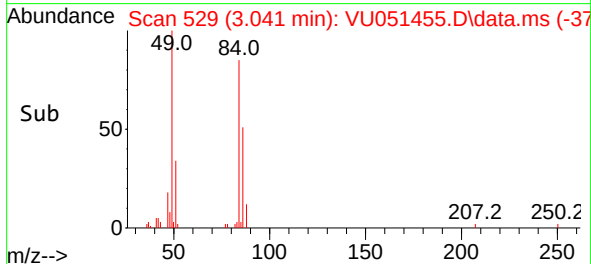
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



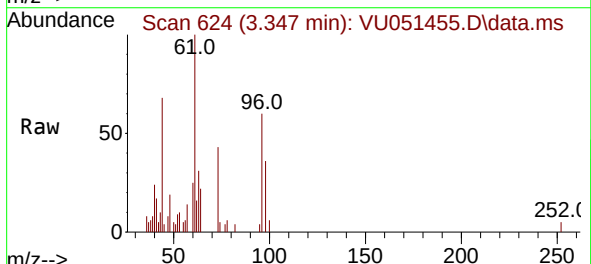
Tgt Ion: 84 Resp: 11008
Ion Ratio Lower Upper
84 100
49 115.5 101.1 151.7
51 40.1 0.0 80.2
86 60.1 50.9 76.3

Manual Integrations
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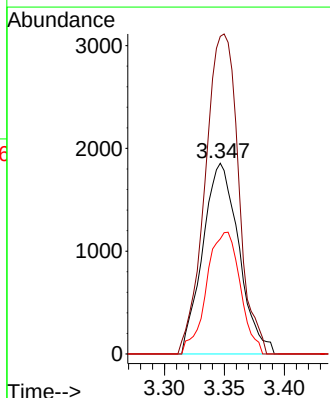
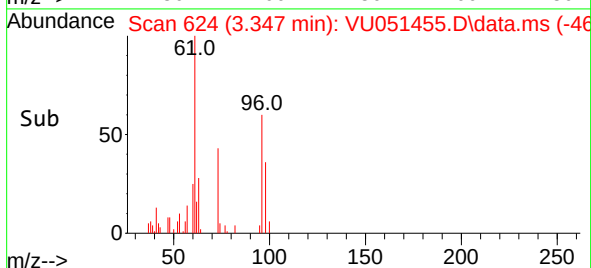
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

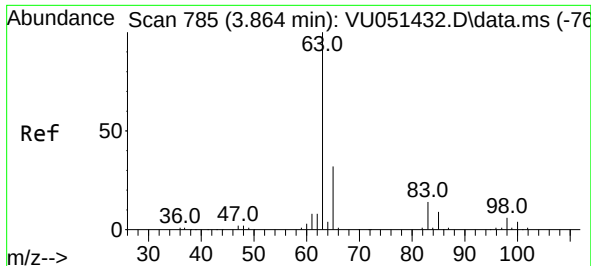


#16
trans-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 3.347 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50



Tgt Ion: 96 Resp: 3877
Ion Ratio Lower Upper
96 100
61 166.5 119.9 179.9
98 60.4 49.5 74.3





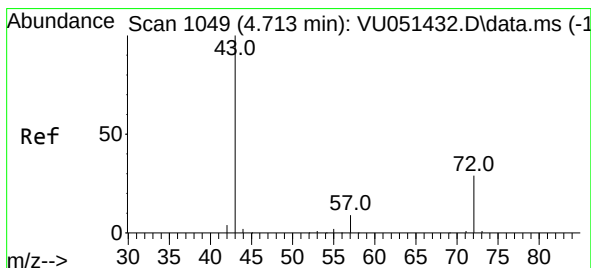
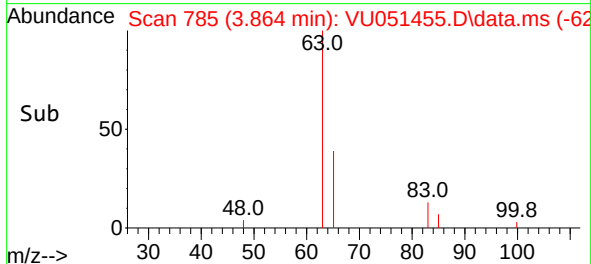
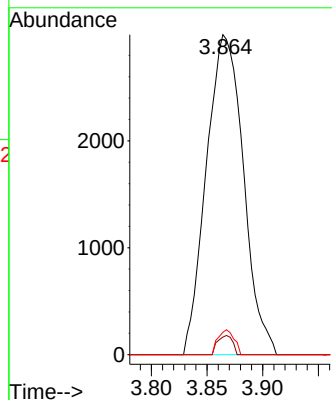
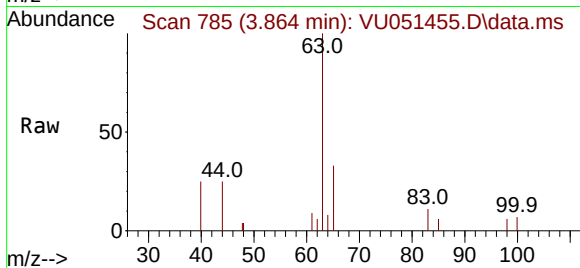
#17
 1,1-Dichloroethane
 Concen: 0.237 ug/l
 RT: 3.864 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Tgt Ion:	63	Resp:	6929
Ion Ratio	Lower	Upper	
63	100		
98	5.5	3.1	9.3
100	7.0	2.1	6.3

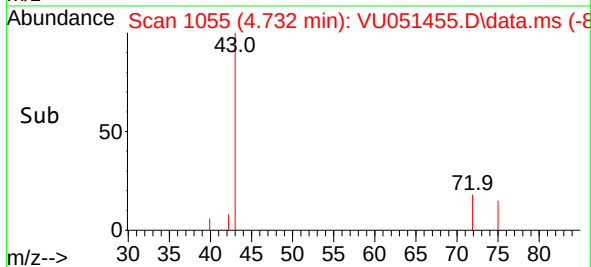
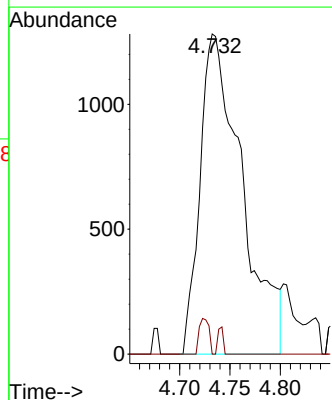
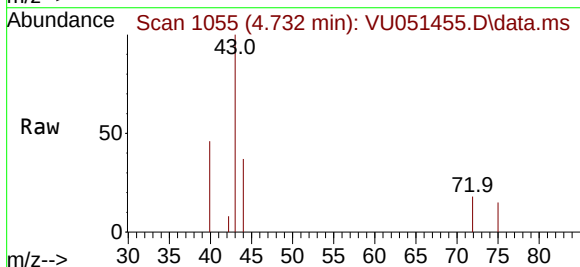
Manual Integrations
 APPROVED

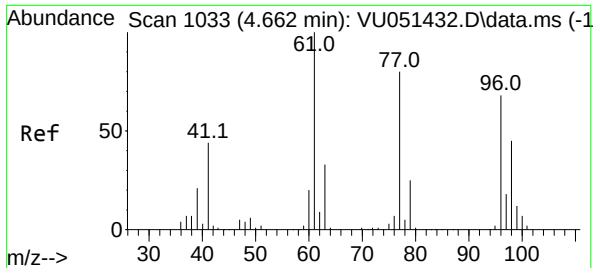
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#18
 2-Butanone
 Concen: 1.015 ug/l
 RT: 4.732 min Scan# 1055
 Delta R.T. 0.019 min
 Lab File: VU051455.D
 Acq: 19 Oct 2022 13:50

Tgt Ion:	43	Resp:	3697
Ion Ratio	Lower	Upper	
43	100		
57	0.0	0.0	18.2





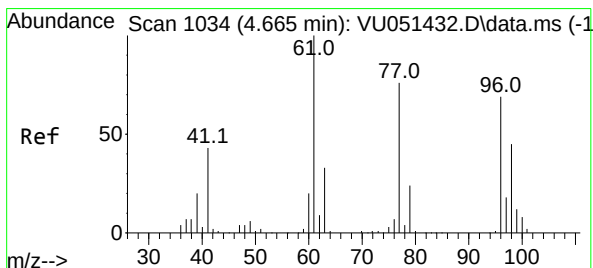
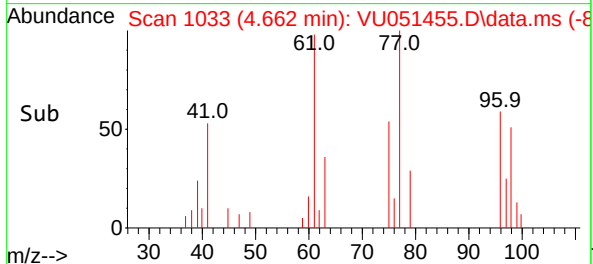
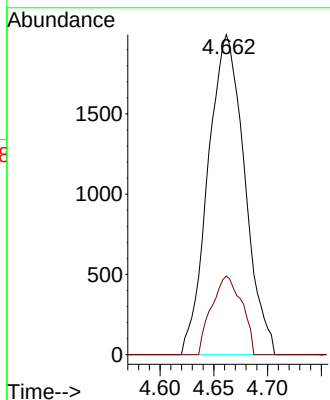
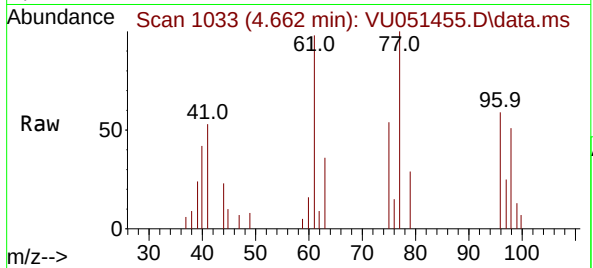
#21
2,2-Dichloropropane
Concen: 0.231 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 4714
Ion Ratio Lower Upper
77 100
97 20.3 19.0 28.6

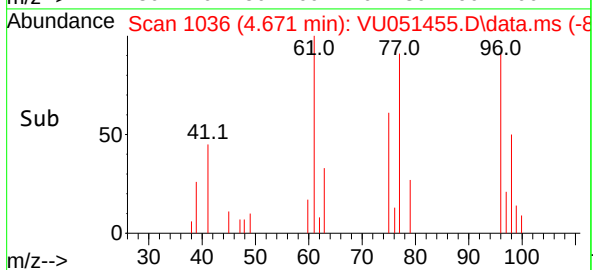
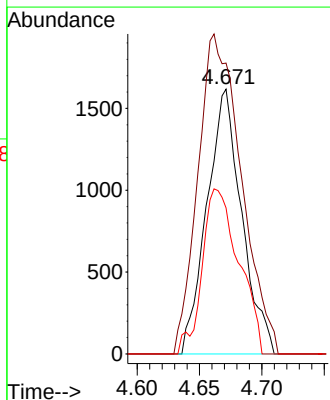
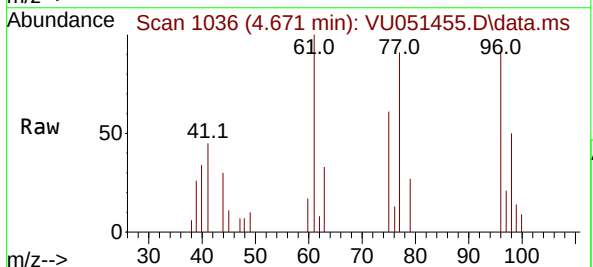
Manual Integrations
APPROVED

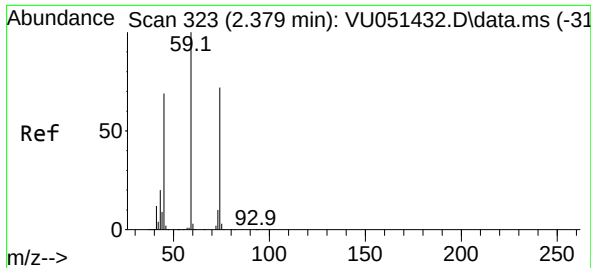
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#22
cis-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

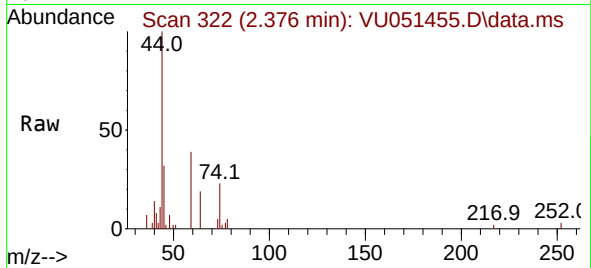
Tgt Ion: 96 Resp: 3139
Ion Ratio Lower Upper
96 100
61 150.5 0.0 362.8
98 65.7 32.5 97.5





#23
Diethyl Ether
Concen: 0.235 ug/l
RT: 2.376 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

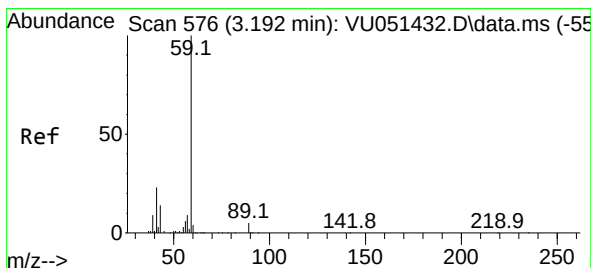
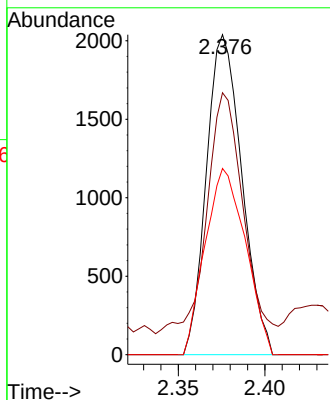
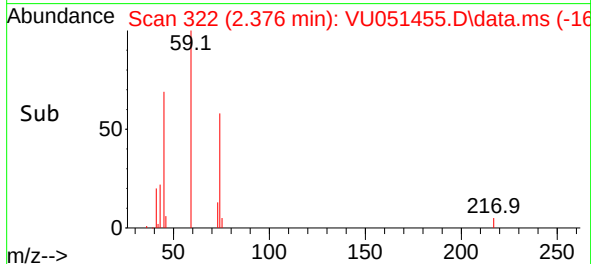
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 59 Resp: 2900
Ion Ratio Lower Upper
59 100
45 75.1 55.7 83.5
74 66.2 58.2 87.4

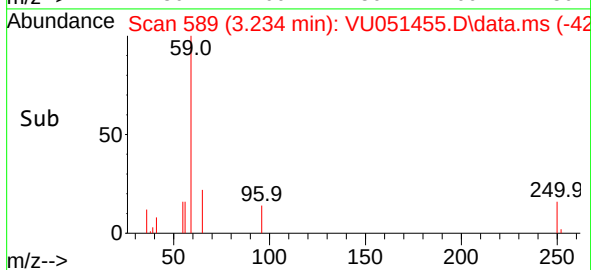
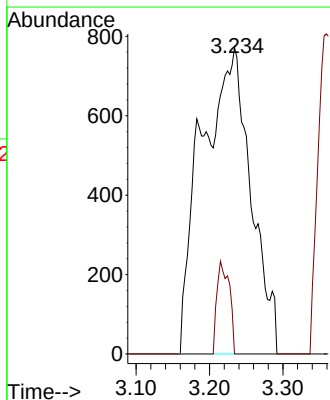
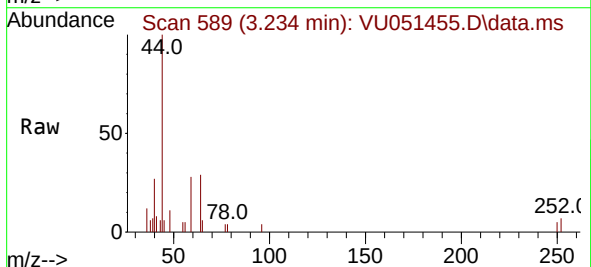
Manual Integrations
APPROVED

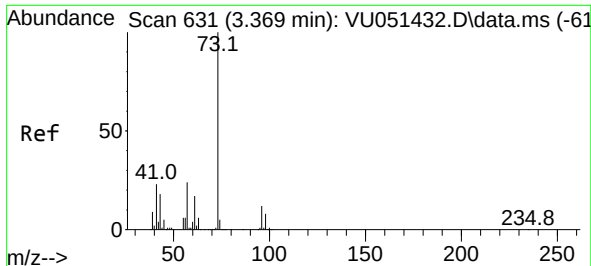
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#24
tert-Butyl Alcohol
Concen: 2.760 ug/l m
RT: 3.234 min Scan# 589
Delta R.T. 0.042 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

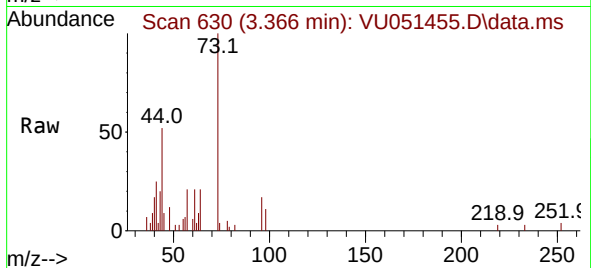
Tgt Ion: 59 Resp: 3582
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.234 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

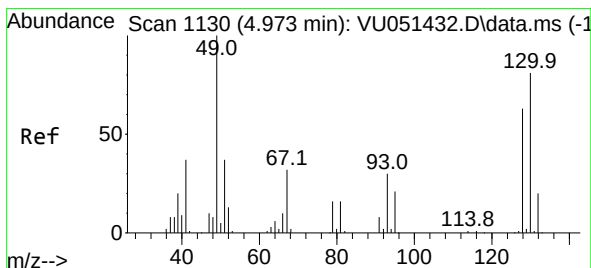
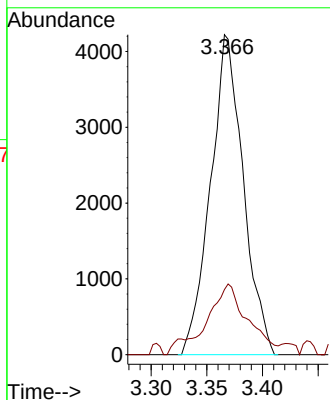
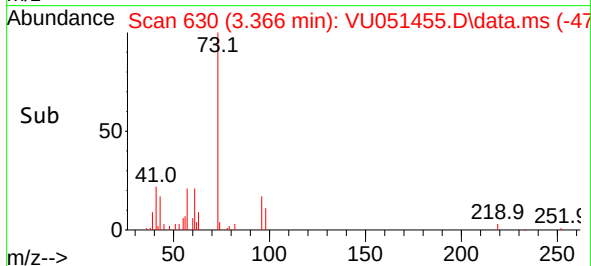
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



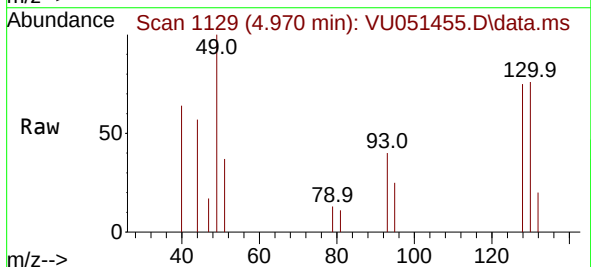
Tgt Ion: 73 Resp: 8639
Ion Ratio Lower Upper
73 100
43 20.9 14.2 21.4

Manual Integrations
APPROVED

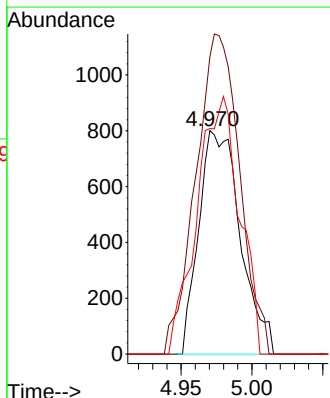
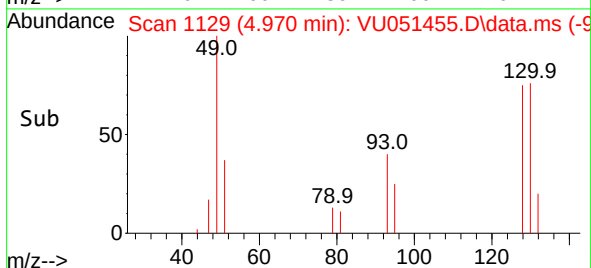
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

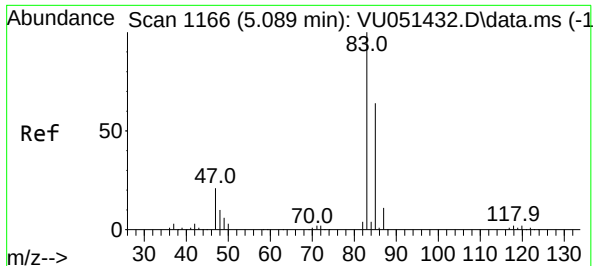


#26
Bromochloromethane
Concen: 0.217 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50



Tgt Ion:128 Resp: 1630
Ion Ratio Lower Upper
128 100
49 151.3 0.0 320.4
130 118.1 105.0 157.6





#27

Chloroform

Concen: 0.247 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051455.D

Acq: 19 Oct 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 83 Resp: 731

Ion Ratio Lower Upper

83 100

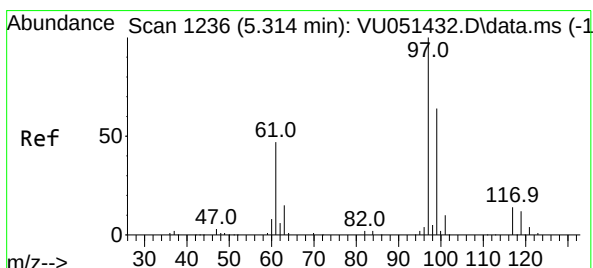
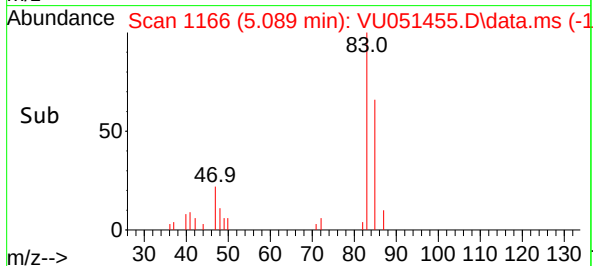
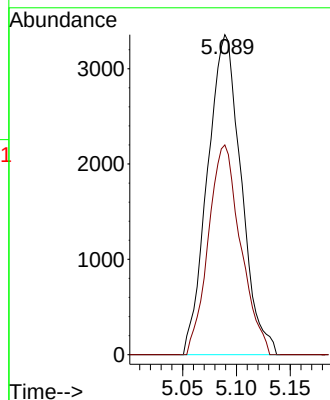
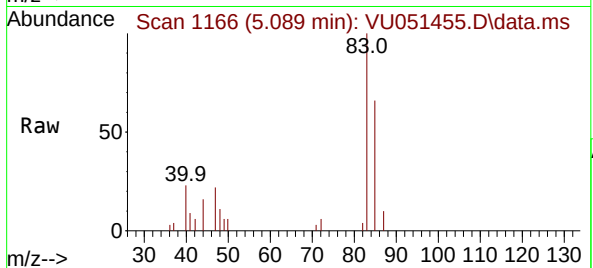
85 65.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#28

1,1,1-Trichloroethane

Concen: 0.220 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051455.D

Acq: 19 Oct 2022 13:50

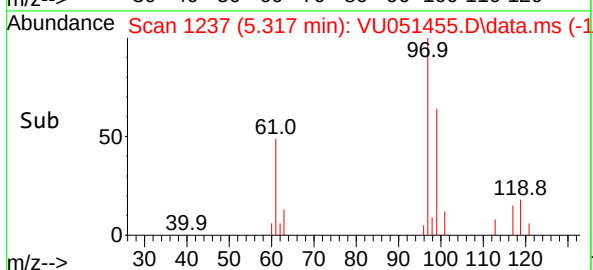
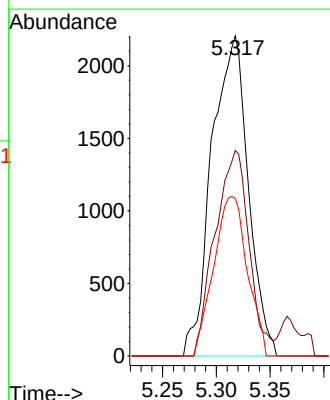
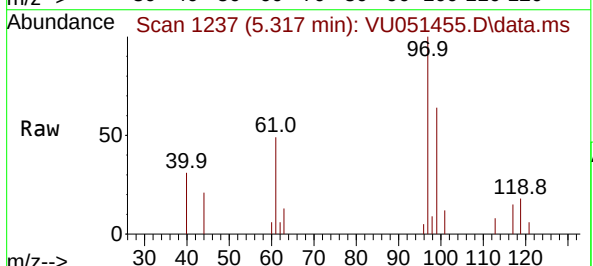
Tgt Ion: 97 Resp: 5202

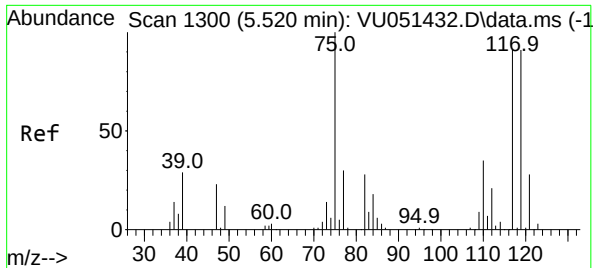
Ion Ratio Lower Upper

97 100

99 59.9 31.8 95.4

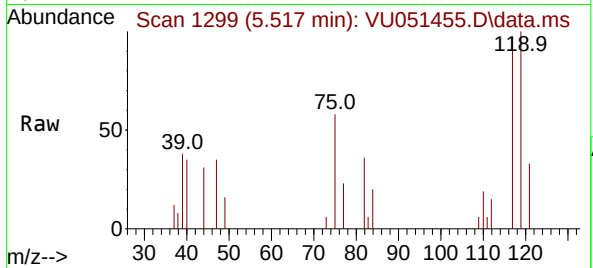
61 46.0 23.6 71.0





#30
Carbon Tetrachloride
Concen: 0.206 ug/l
RT: 5.517 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

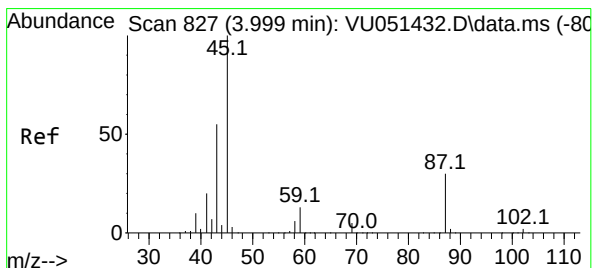
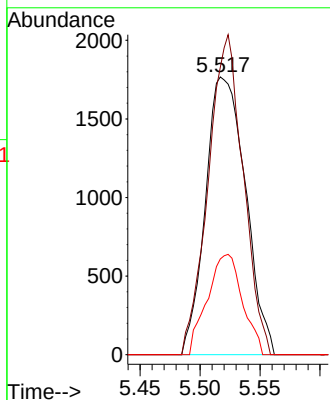
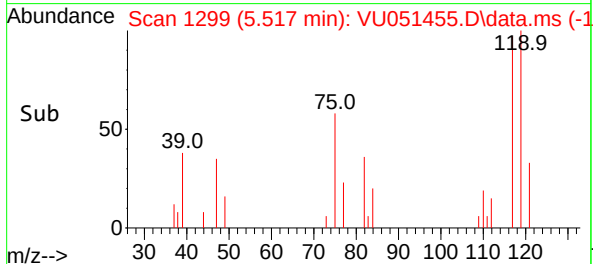
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:117 Resp: 410
Ion Ratio Lower Upper
117 100
119 103.4 80.0 120.0
121 34.5 24.9 37.3

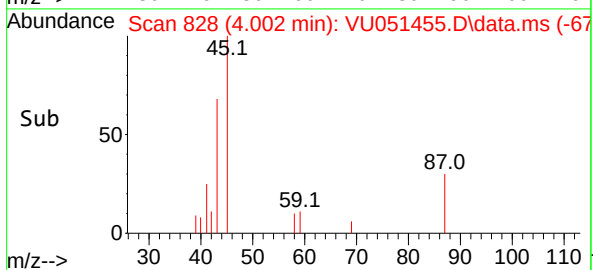
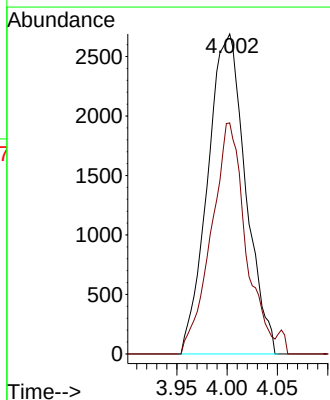
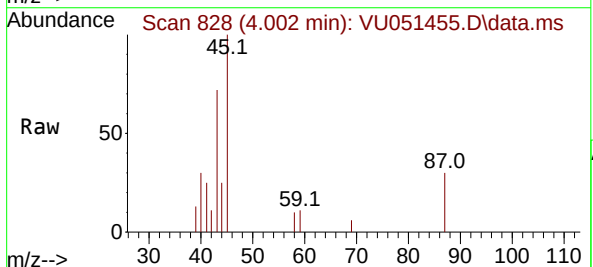
Manual Integrations
APPROVED

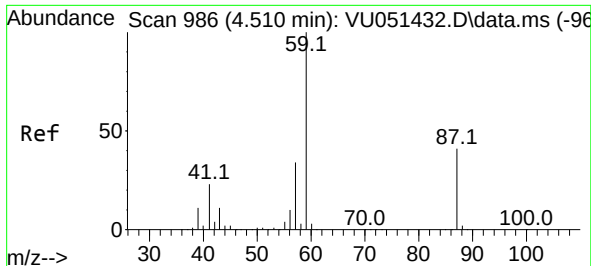
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#31
Isopropyl Ether
Concen: 0.204 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Tgt Ion: 45 Resp: 7063
Ion Ratio Lower Upper
45 100
43 65.6 27.6 82.7





#32

Ethyl-t-butyl ether

Concen: 0.203 ug/l

RT: 4.510 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU051455.D

Acq: 19 Oct 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 59 Resp: 640

Ion Ratio Lower Upper

59 100

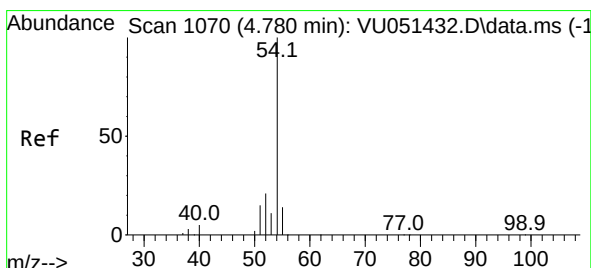
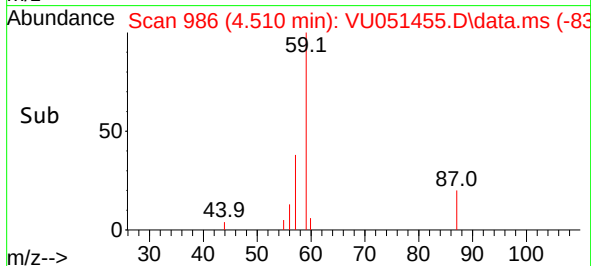
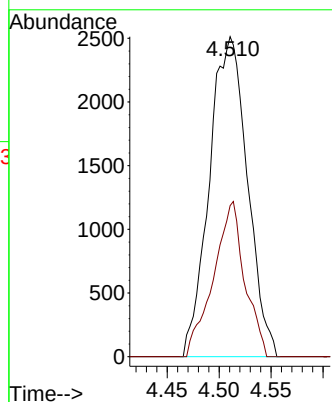
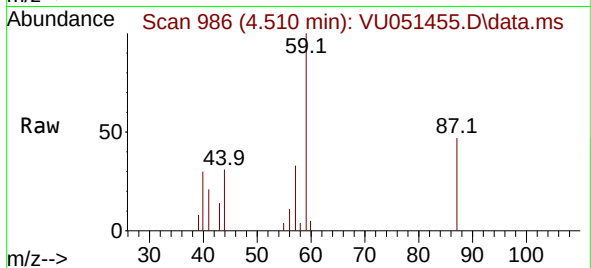
87 39.9 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#34

Propionitrile

Concen: 0.975 ug/l m

RT: 4.829 min Scan# 1085

Delta R.T. 0.048 min

Lab File: VU051455.D

Acq: 19 Oct 2022 13:50

Tgt Ion: 54 Resp: 1195

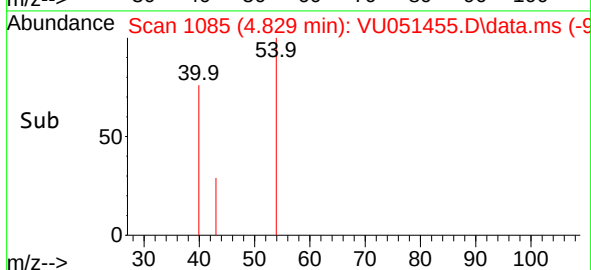
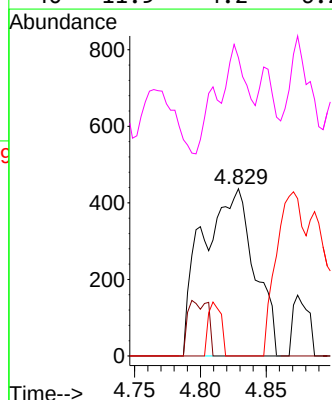
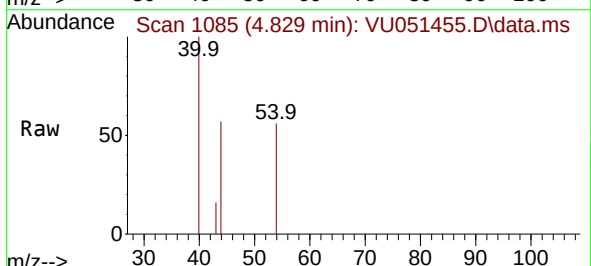
Ion Ratio Lower Upper

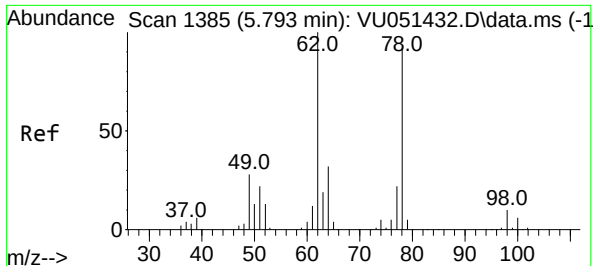
54 100

52 12.8 16.4 24.6#

55 7.9 11.5 17.3#

40 11.9 4.2 6.2#





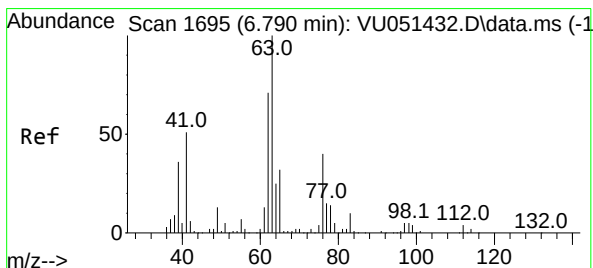
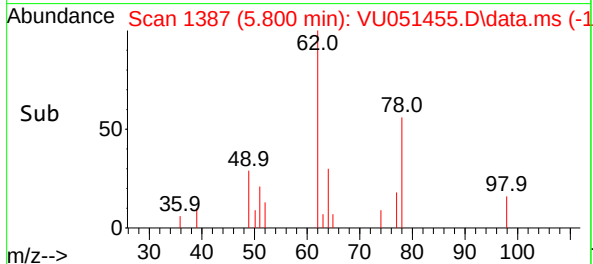
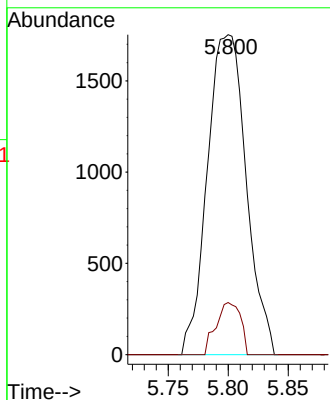
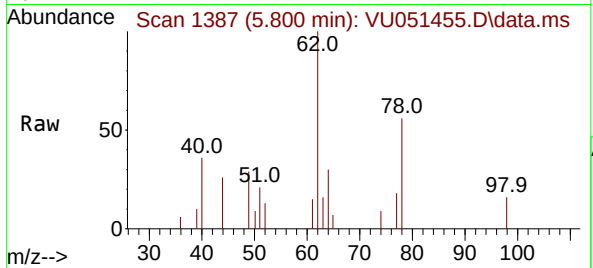
#36
1,2-Dichloroethane
Concen: 0.211 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.007 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 62 Resp: 3950
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.2

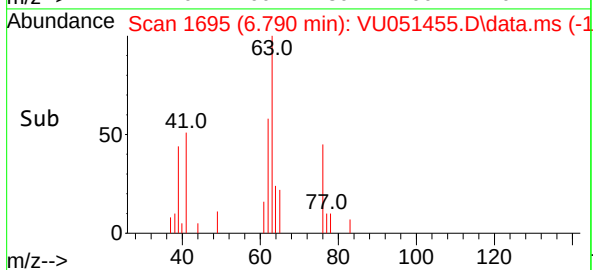
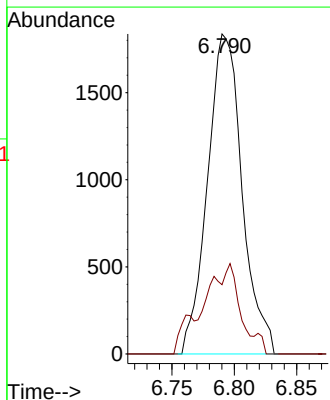
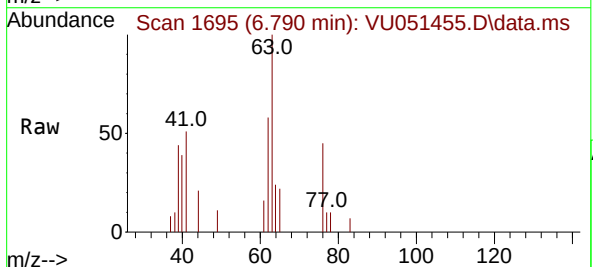
Manual Integrations
APPROVED

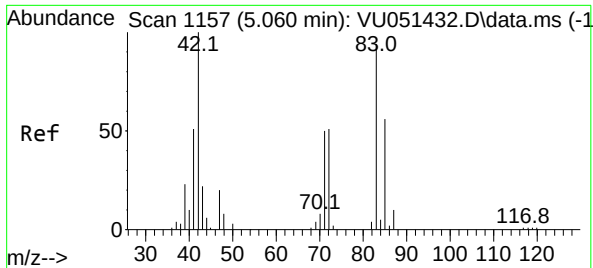
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#38
1,2-Dichloropropane
Concen: 0.213 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

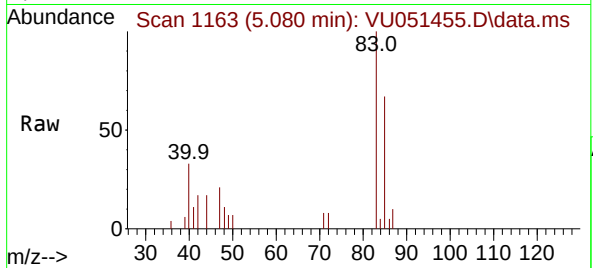
Tgt Ion: 63 Resp: 3550
Ion Ratio Lower Upper
63 100
65 21.7 25.4 38.2#





#41
Tetrahydrofuran
Concen: 0.420 ug/l
RT: 5.080 min Scan# 1157
Delta R.T. 0.019 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

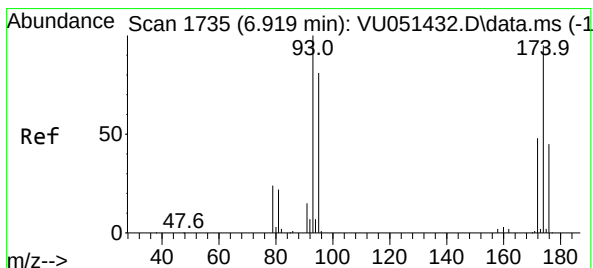
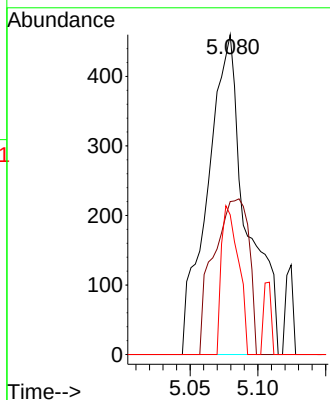
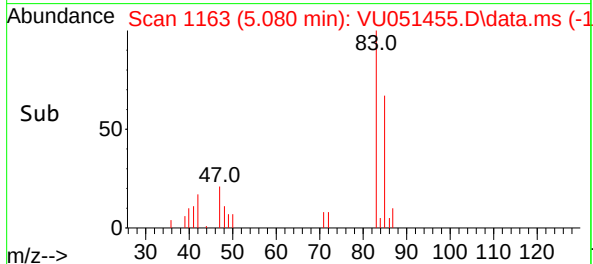
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 42 Resp: 92.0
Ion Ratio Lower Upper
42 100
72 43.9 42.6 64.0
71 20.3 38.3 57.5

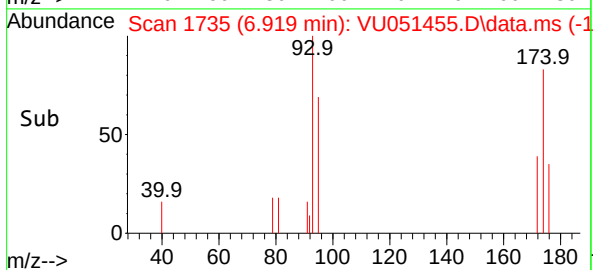
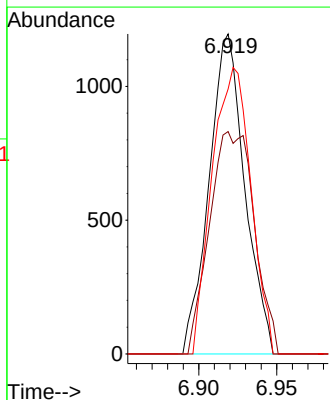
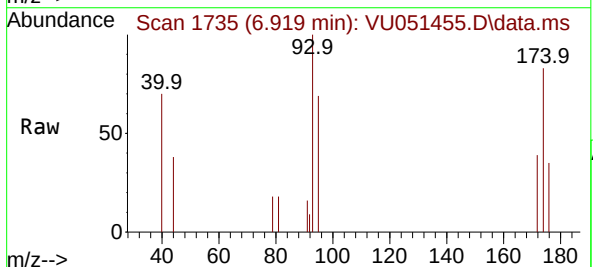
Manual Integrations
APPROVED

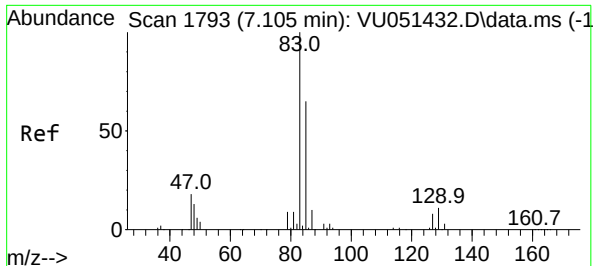
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#43
Dibromomethane
Concen: 0.220 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Tgt Ion: 93 Resp: 1903
Ion Ratio Lower Upper
93 100
95 87.2 66.7 100.1
174 97.5 75.5 113.3





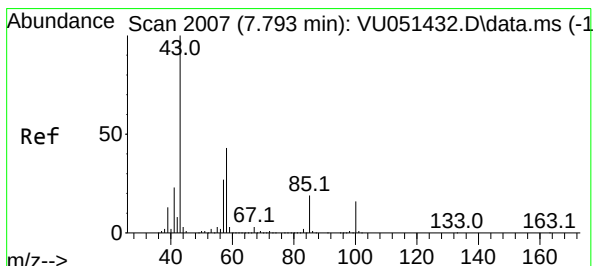
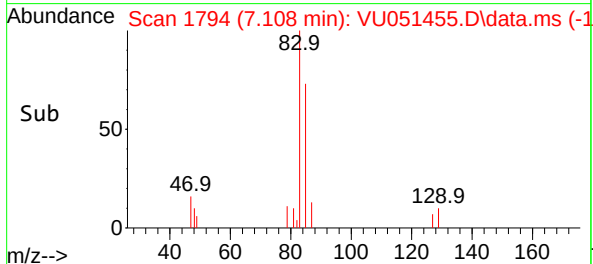
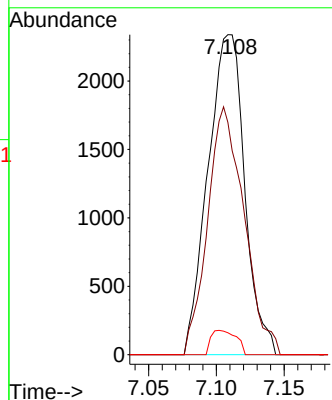
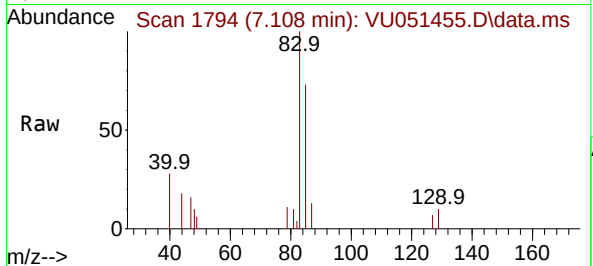
#44
Bromodichloromethane
Concen: 0.211 ug/l
RT: 7.108 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 83 Resp: 4410
Ion Ratio Lower Upper
83 100
85 72.6 52.1 78.1
127 6.8 6.8 10.2

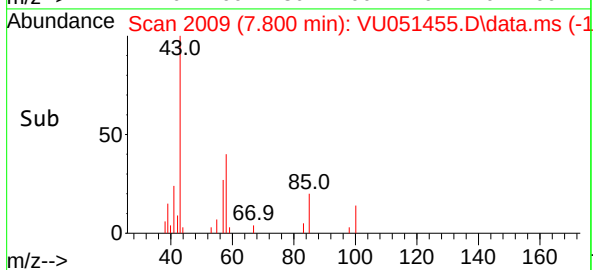
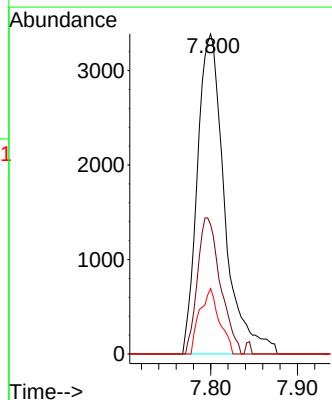
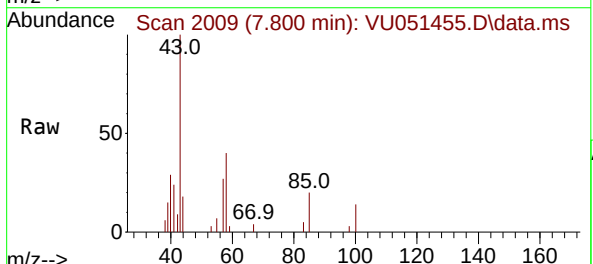
Manual Integrations
APPROVED

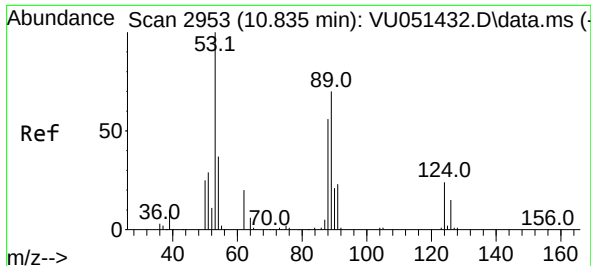
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#45
4-Methyl-2-Pentanone
Concen: 0.896 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.007 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

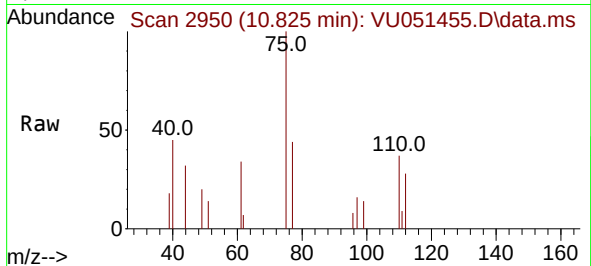
Tgt Ion: 43 Resp: 7373
Ion Ratio Lower Upper
43 100
58 35.9 21.4 64.3
85 14.8 15.4 23.0#





#46
t-1,4-Dichloro-2-butene
Concen: 0.458 ug/l m
RT: 10.825 min Scan# 2953
Delta R.T. -0.010 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

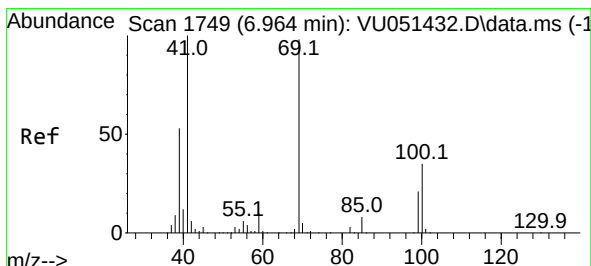
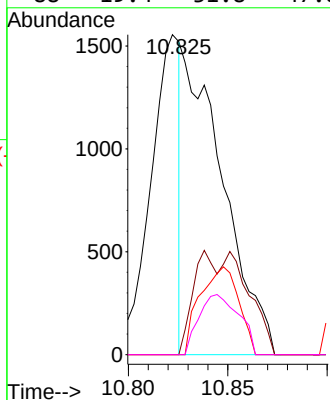
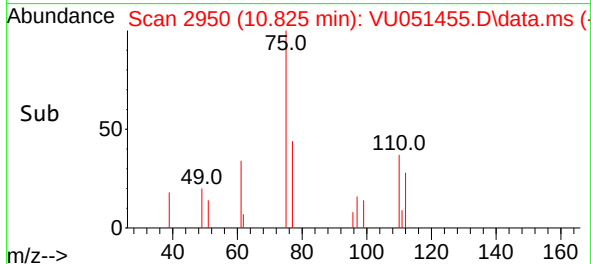
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022



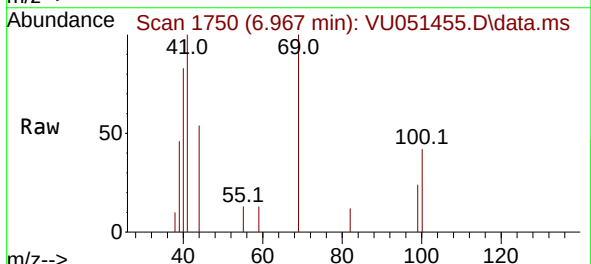
Tgt Ion	Ratio	Lower	Upper
75	100		
53	20.0	61.1	91.7
89	27.5	41.0	61.6
88	19.4	31.8	47.8

Manual Integrations
APPROVED

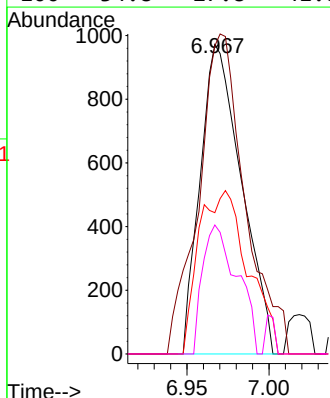
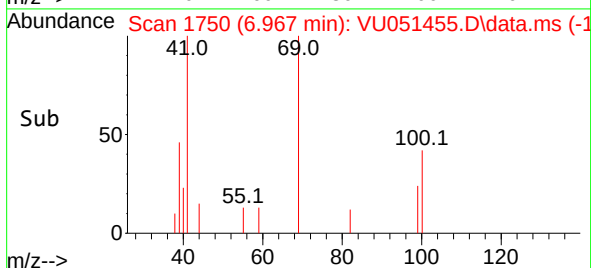
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

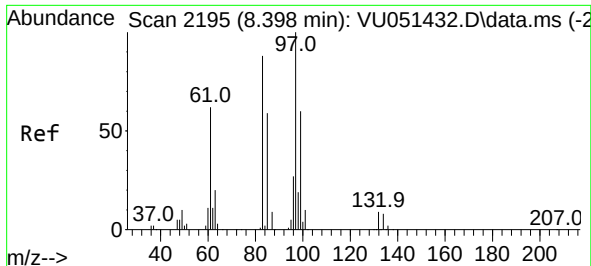


#47
Methyl methacrylate
Concen: 0.258 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50



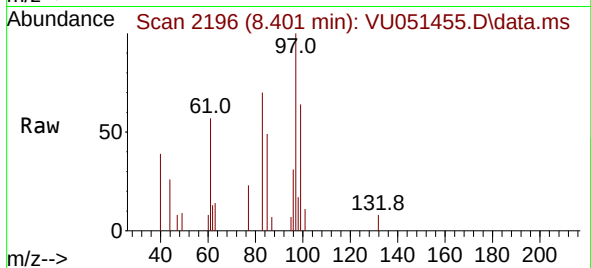
Tgt Ion	Ratio	Lower	Upper
69	100		
41	116.0	0.0	200.8
39	62.9	44.1	66.1
100	34.8	27.8	41.8





#52
1,1,2-Trichloroethane
Concen: 0.221 ug/l
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

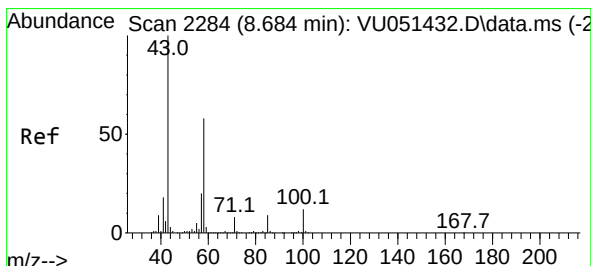
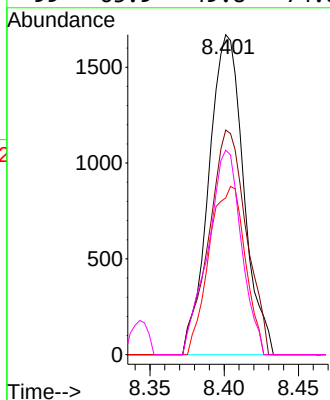
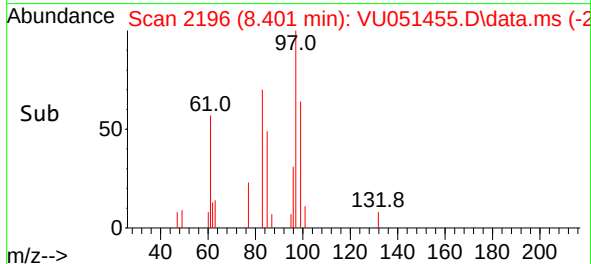
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 97	Resp: 273
Ion Ratio	Lower Upper
97 100	
83 70.2	70.6 105.8
85 49.0	47.0 70.4
99 63.9	49.8 74.8

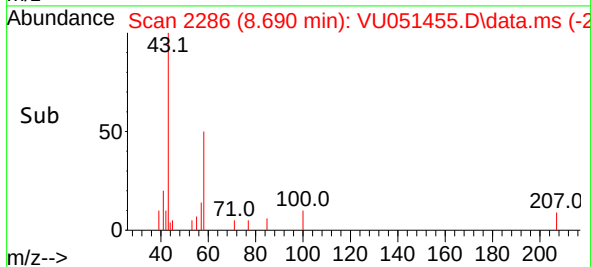
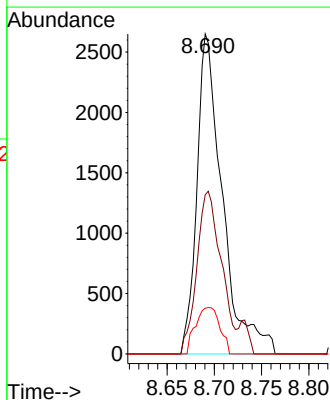
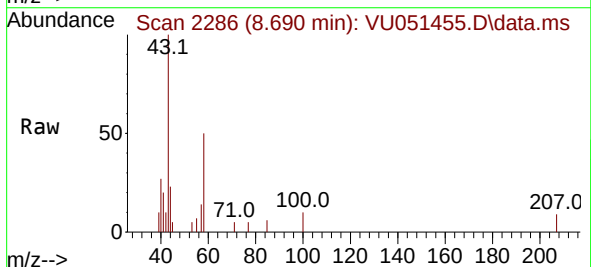
Manual Integrations
APPROVED

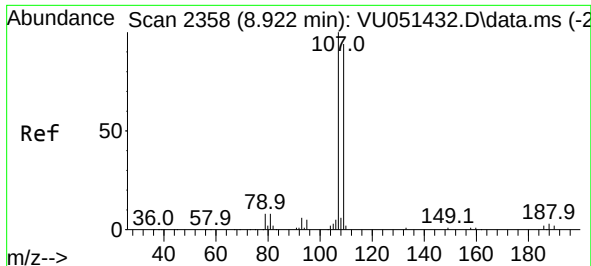
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#54
2-Hexanone
Concen: 0.879 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Tgt Ion: 43	Resp: 4976		
Ion Ratio	Lower	Upper	
43 100			
58 48.5	38.0	78.0	
57 13.7	0.0	39.9	





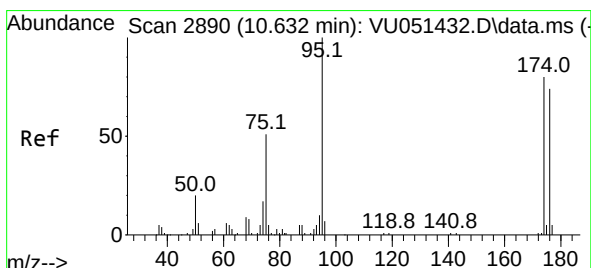
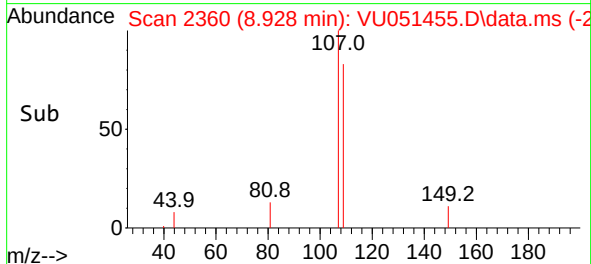
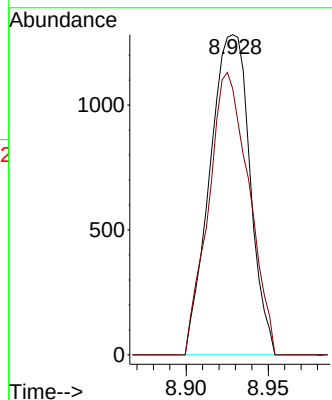
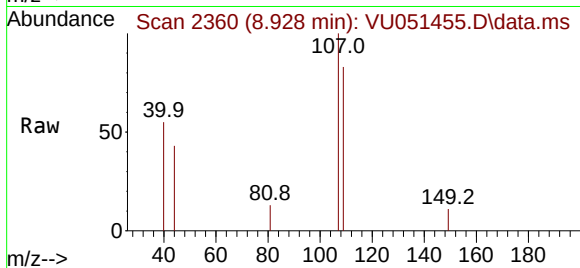
#56
1,2-Dibromoethane
Concen: 0.201 ug/l
RT: 8.928 min Scan# 217
Delta R.T. 0.007 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:107 Resp: 217
Ion Ratio Lower Upper
107 100
109 88.8 0.0 190.6

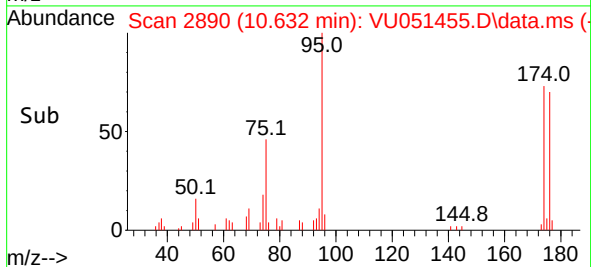
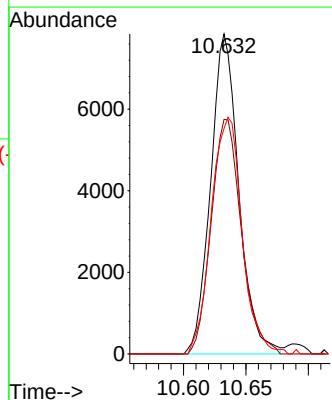
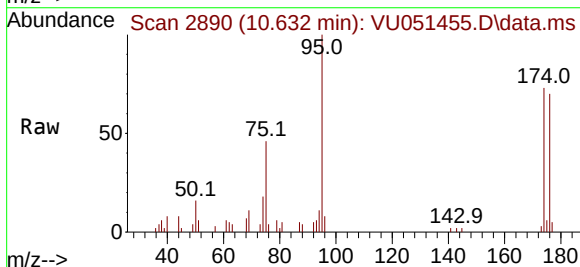
Manual Integrations
APPROVED

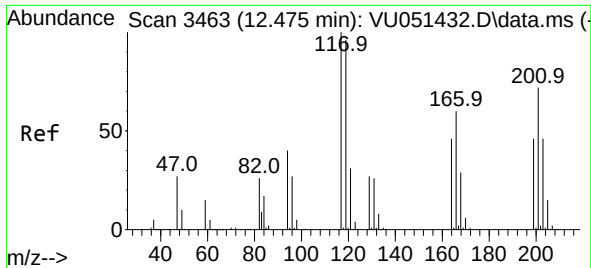
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#57
4-Bromofluorobenzene
Concen: 0.761 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Tgt Ion: 95 Resp: 12327
Ion Ratio Lower Upper
95 100
174 79.0 63.0 94.6
176 81.0 59.8 89.6





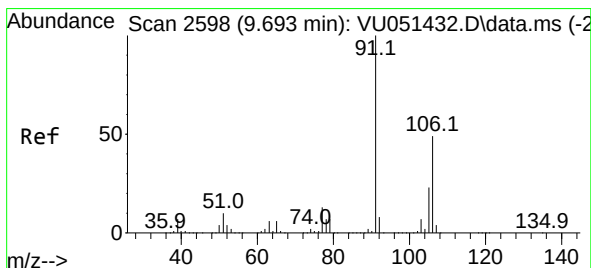
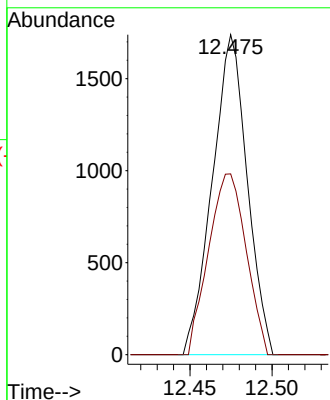
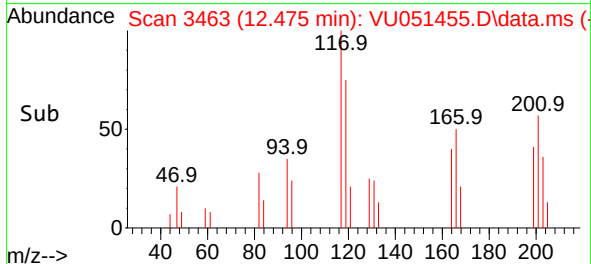
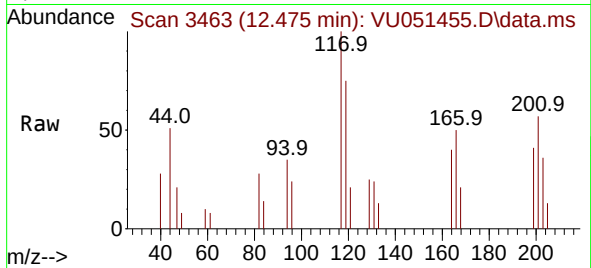
#62
Hexachloroethane
Concen: 0.217 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:117 Resp: 2568
Ion Ratio Lower Upper
117 100
201 60.7 57.4 86.2

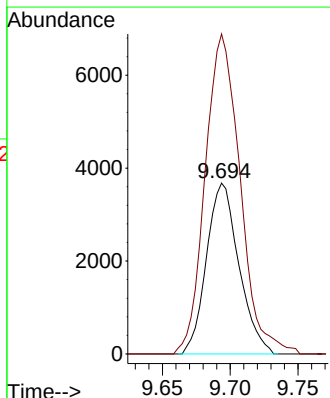
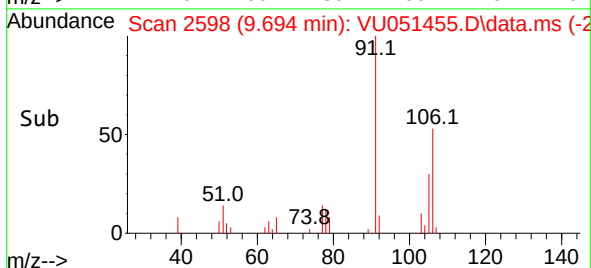
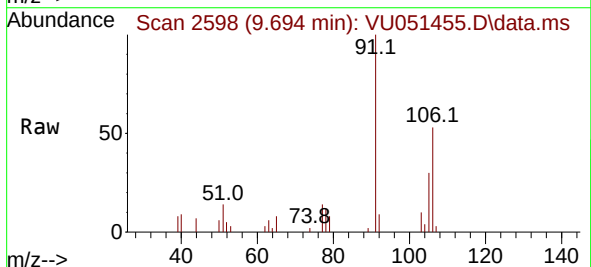
Manual Integrations
APPROVED

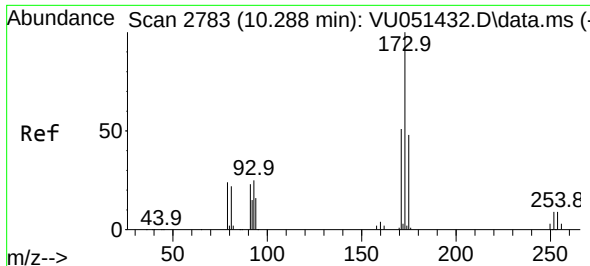
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#64
m/p-Xylenes
Concen: 0.277 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

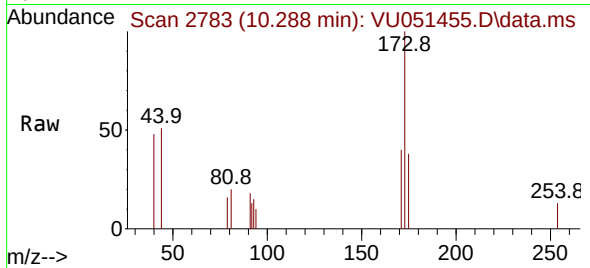
Tgt Ion:106 Resp: 6108
Ion Ratio Lower Upper
106 100
91 202.3 163.2 244.8





#67
Bromoform
Concen: 0.211 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

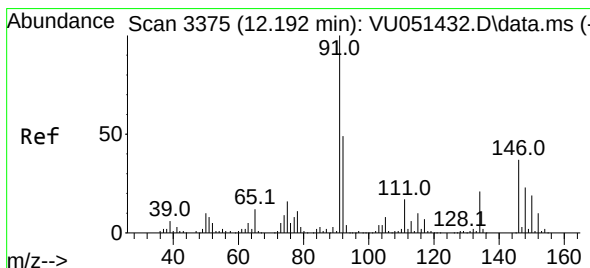
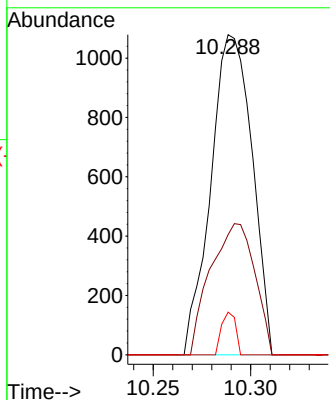
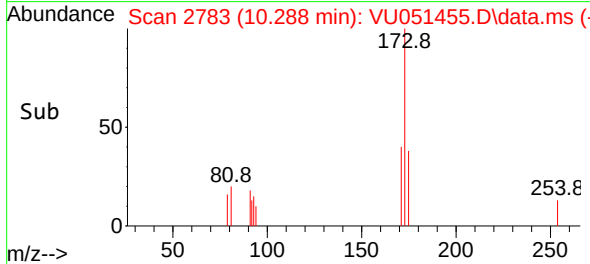
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:173 Resp: 1590
Ion Ratio Lower Upper
173 100
175 43.9 38.6 58.0
254 4.5 7.3 10.9

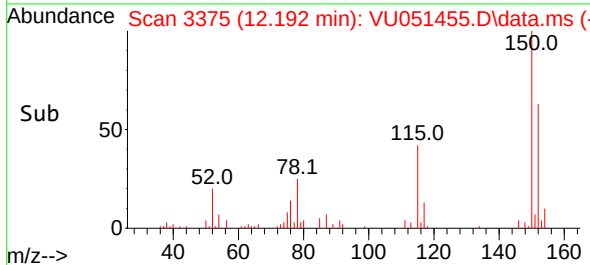
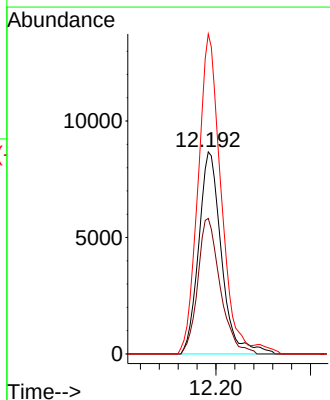
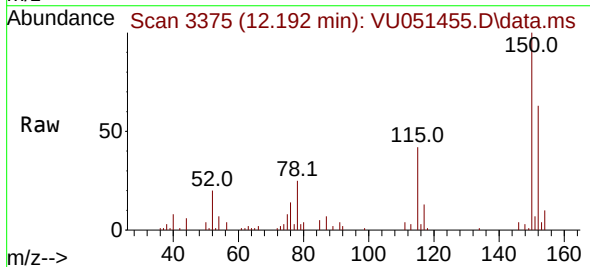
Manual Integrations
APPROVED

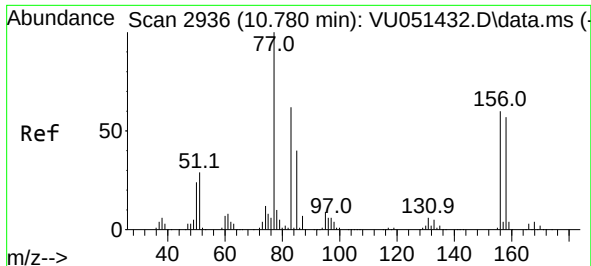
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.801 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Tgt Ion:152 Resp: 14493
Ion Ratio Lower Upper
152 100
115 66.2 0.0 333.0
150 157.9 0.0 662.0





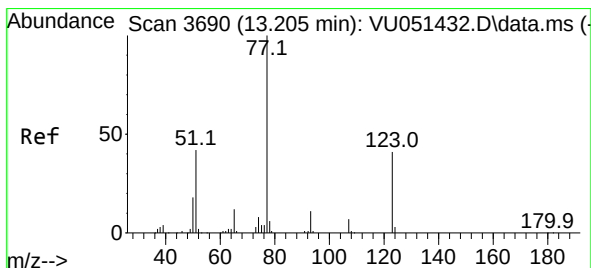
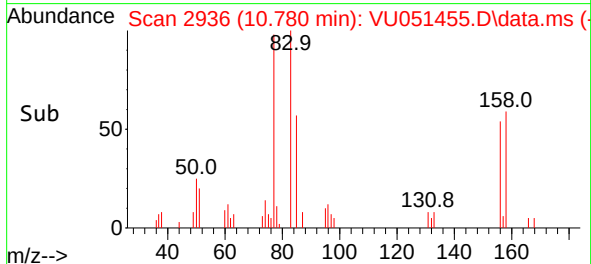
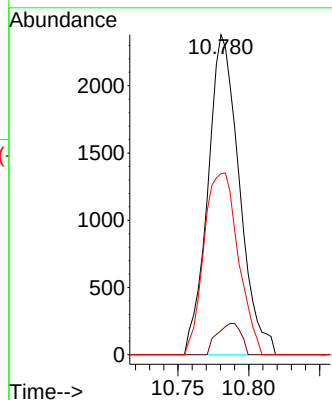
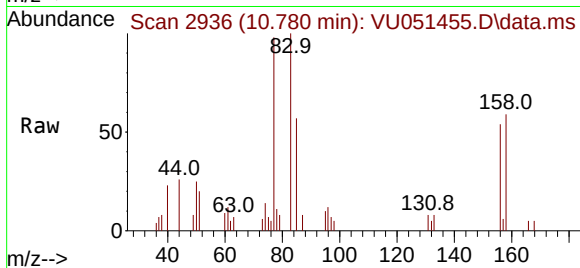
#70
1,1,2,2-Tetrachloroethane
Concen: 0.220 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 83 Resp: 367
Ion Ratio Lower Upper
83 100
131 7.5 7.2 10.8
85 62.0 51.4 77.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#80
Nitrobenzene
Concen: 1.031 ug/l
RT: 13.224 min Scan# 3696
Delta R.T. 0.019 min
Lab File: VU051455.D
Acq: 19 Oct 2022 13:50

Tgt Ion: 77 Resp: 852
Ion Ratio Lower Upper
77 100
123 25.8 17.5 62.1
65 0.0 11.1 14.1#

