

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051457.D
 Acq On : 19 Oct 2022 14:49
 Operator : JC/MD
 Sample : N3980-09 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 20 07:42:14 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	46742	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12722	0.776	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	15460	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5616	0.344	ug/l	96
3) Chloromethane	1.536	50	9508	0.370	ug/l	97
4) Vinyl Chloride	1.604	62	7286	0.327	ug/l	99
5) Bromomethane	1.855	94	5393	0.434	ug/l	92
6) Chloroethane	1.929	64	6585	0.519	ug/l	# 83
7) Trichlorofluoromethane	2.141	101	8628	0.347	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	5071	0.369	ug/l	98
9) 1,1-Dichloroethene	2.581	96	5339	0.372	ug/l	87
10) Iodomethane	2.720	142	6210	0.334	ug/l	98
11) Allyl Chloride	2.922	41	8257	0.377	ug/l	94
12) Acrylonitrile	3.318	53	3190	0.756	ug/l	# 67
13) Acetone	2.636	43	6314m	2.077	ug/l	
14) Carbon Disulfide	2.790	76	18237	0.357	ug/l	98
15) Methylene Chloride	3.044	84	14126	0.672	ug/l	93
16) trans-1,2-Dichloroethene	3.346	96	5634	0.343	ug/l	95
17) 1,1-Dichloroethane	3.867	63	10562	0.357	ug/l	94
18) 2-Butanone	4.729	43	5623	1.525	ug/l	98
19) Cyclohexane	5.385	56	4652m	0.254	ug/l	
20) Methylcyclohexane	6.761	83	4620	0.254	ug/l	91
21) 2,2-Dichloropropane	4.665	77	7617	0.369	ug/l	96
22) cis-1,2-Dichloroethene	4.665	96	4658	0.299	ug/l	94
23) Diethyl Ether	2.379	59	4536	0.362	ug/l	95
24) tert-Butyl Alcohol	3.205	59	4672m	3.557	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	12022	0.322	ug/l	# 82
26) Bromochloromethane	4.977	128	2500	0.330	ug/l	95
27) Chloroform	5.089	83	10350	0.346	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	7845	0.328	ug/l	98
29) 1,1-Dichloropropene	5.523	75	5256	0.287	ug/l	96
30) Carbon Tetrachloride	5.520	117	7075	0.351	ug/l	# 92
31) Isopropyl Ether	3.999	45	10170	0.291	ug/l	82
32) Ethyl-t-butyl ether	4.504	59	8581	0.269	ug/l	90
33) Tert-Amyl methyl ether	5.944	73	7054	0.251	ug/l	95
34) Propionitrile	4.797	54	1819	1.467	ug/l	# 79
35) Benzene	5.774	78	18632	0.303	ug/l	96
36) 1,2-Dichloroethane	5.797	62	6175	0.326	ug/l	95
37) Trichloroethene	6.539	130	4707	0.326	ug/l	95
38) 1,2-Dichloropropane	6.790	63	5223	0.310	ug/l	98
39) Methacrylonitrile	4.983	41	1261	0.298	ug/l	# 55
40) Methyl acrylate	4.877	55	1655	0.245	ug/l	# 66
41) Tetrahydrofuran	5.076	42	1245	0.559	ug/l	# 74
42) 1-Chlorobutane	5.456	56	7118m	0.285	ug/l	
43) Dibromomethane	6.919	93	2765	0.316	ug/l	# 78
44) Bromodichloromethane	7.105	83	7057	0.333	ug/l	99

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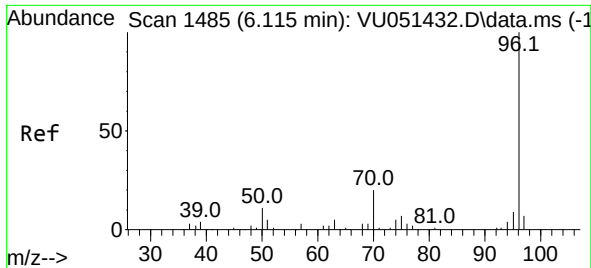
Quant Time: Oct 20 07:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	10356	1.244	ug/l #	93
46) t-1,4-Dichloro-2-butene	10.825	75	2980m	0.641	ug/l	
47) Methyl methacrylate	6.970	69	3155	0.472	ug/l	93
48) Ethyl methacrylate	8.337	69	2381	0.213	ug/l	99
49) Toluene	7.970	92	7380	0.219	ug/l	82
50) t-1,3-Dichloropropene	8.214	75	4435	0.260	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	5668	0.282	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	4063	0.325	ug/l	94
53) 1,3-Dichloropropane	8.575	76	5840	0.290	ug/l	94
54) 2-Hexanone	8.687	43	6949	1.213	ug/l	86
55) Dibromochloromethane	8.809	129	4182	0.308	ug/l	95
56) 1,2-Dibromoethane	8.922	107	3183	0.290	ug/l	94
58) Tetrachloroethene	8.549	164	3608	0.287	ug/l	92
59) Chlorobenzene	9.449	112	9657	0.261	ug/l #	88
60) 1,1,1,2-Tetrachloroethane	9.536	131	4887	0.345	ug/l	95
61) Pentachloroethane	11.427	117	3740	0.296	ug/l	98
62) Hexachloroethane	12.475	117	3540	0.295	ug/l	85
63) Ethyl Benzene	9.568	91	12685	0.226	ug/l	93
64) m/p-Xylenes	9.694	106	8434	0.377	ug/l	89
65) o-Xylene	10.099	106	4536	0.209	ug/l	96
67) Bromoform	10.292	173	2375	0.312	ug/l #	95
69) Isopropylbenzene	10.484	105	11254	0.210	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	4991	0.295	ug/l	93
71) 1,2,3-Trichloropropane	10.825	75	3928m	0.313	ug/l	
72) Bromobenzene	10.784	156	3709	0.252	ug/l	97
74) 2-Chlorotoluene	10.983	126	2968	0.207	ug/l	99
76) 4-Chlorotoluene	11.095	126	2998	0.205	ug/l	82
77) tert-Butylbenzene	11.420	119	10660	0.225	ug/l	92
80) Nitrobenzene	13.217	77	939	1.123	ug/l #	69
82) 1,3-Dichlorobenzene	11.748	146	7663	0.242	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	6885	0.223	ug/l	95
85) 1,2-Dichlorobenzene	12.211	146	7159	0.230	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.999	75	632	0.239	ug/l #	89
87) 1,2,4-Trichlorobenzene	13.841	180	3924	0.233	ug/l	98
88) Hexachlorobutadiene	14.018	225	3002	0.273	ug/l	95

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



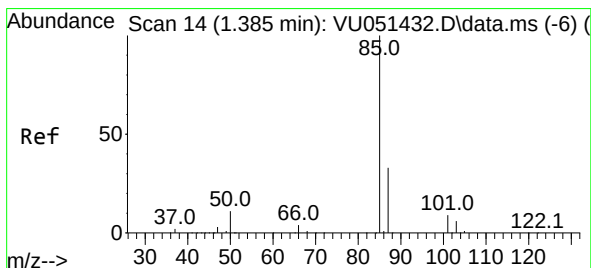
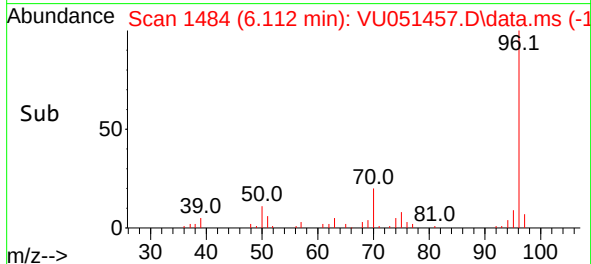
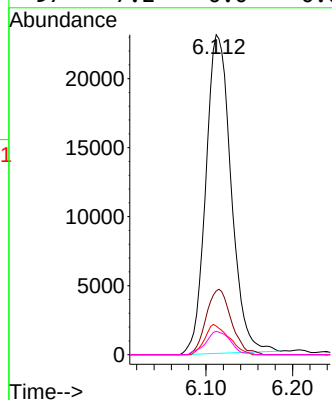
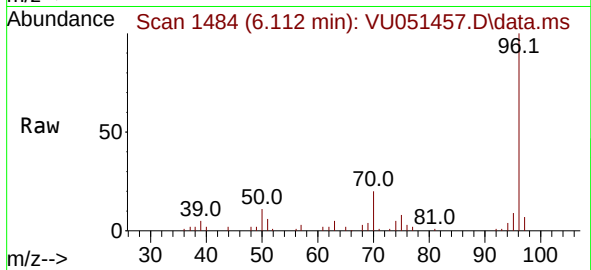
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 96 Resp: 4674
Ion Ratio Lower Upper
96 100
70 20.4 16.7 25.1
95 9.0 7.5 11.3
97 7.2 0.0 0.0#

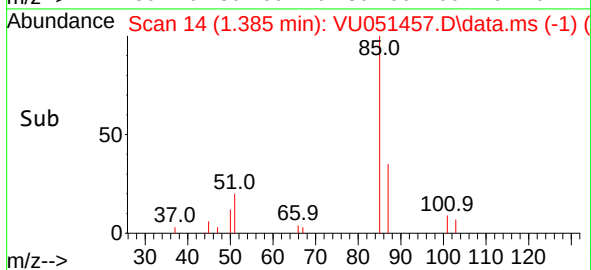
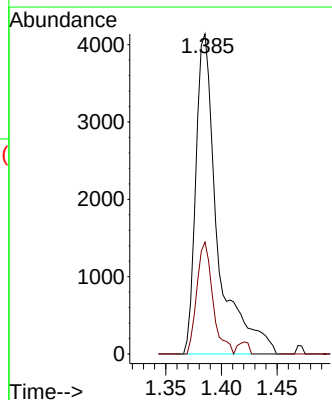
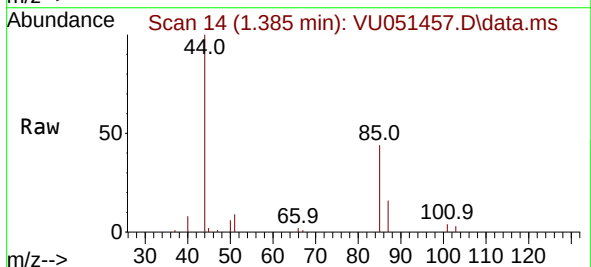
Manual Integrations
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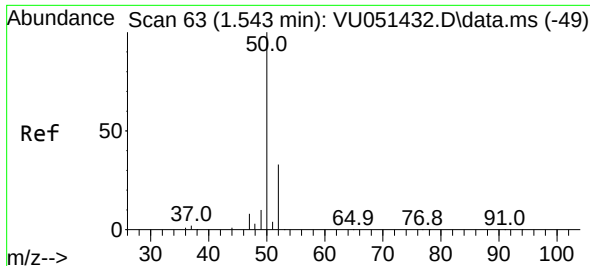
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#2
Dichlorodifluoromethane
Concen: 0.344 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

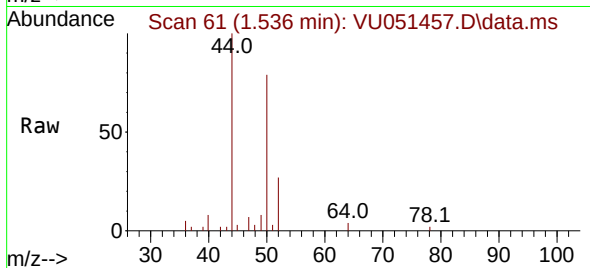
Tgt Ion: 85 Resp: 5616
Ion Ratio Lower Upper
85 100
87 34.9 16.4 49.4





#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.536 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

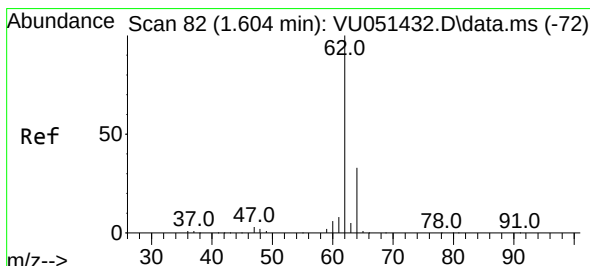
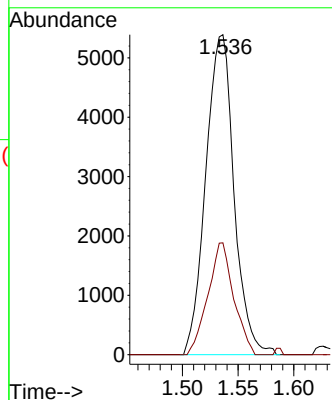
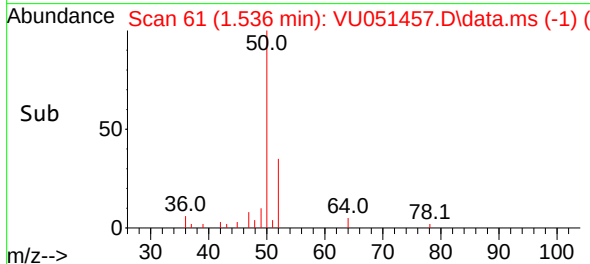
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 50 Resp: 950
Ion Ratio Lower Upper
50 100
52 35.0 26.7 40.1

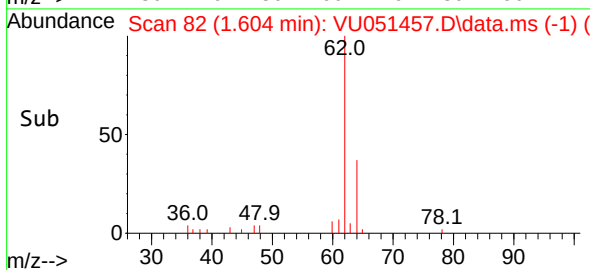
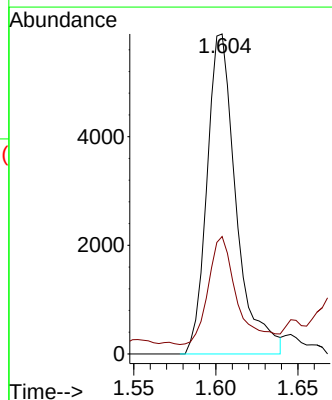
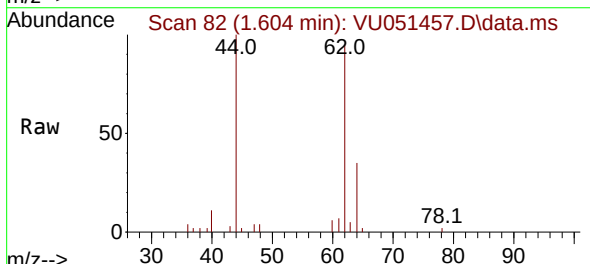
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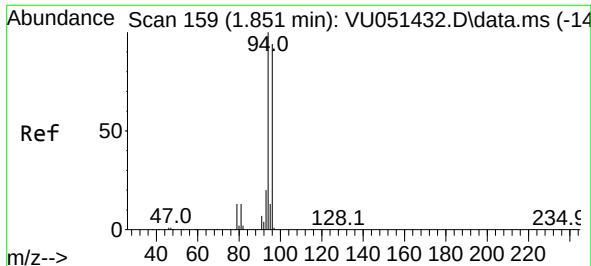
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#4
Vinyl Chloride
Concen: 0.327 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

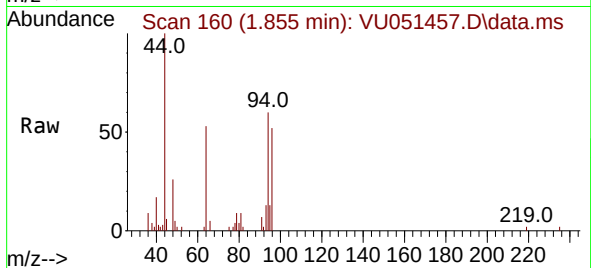
Tgt Ion: 62 Resp: 7286
Ion Ratio Lower Upper
62 100
64 33.8 26.7 40.1





#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.855 min Scan# 10
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

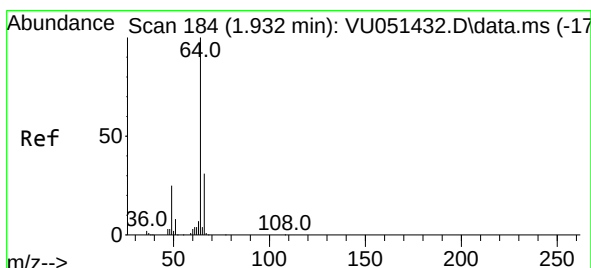
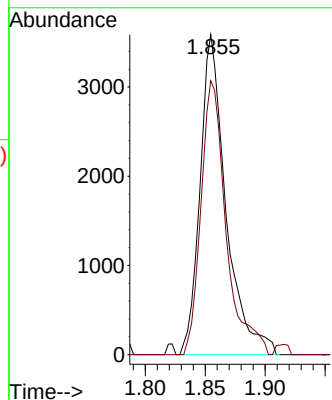
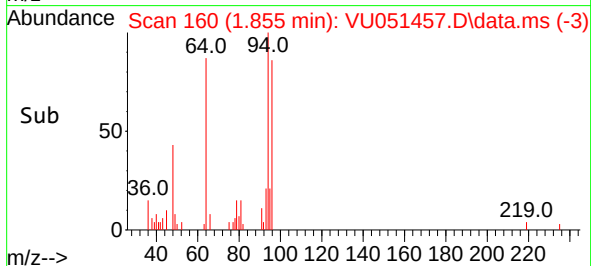
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 85.6 74.8 112.2

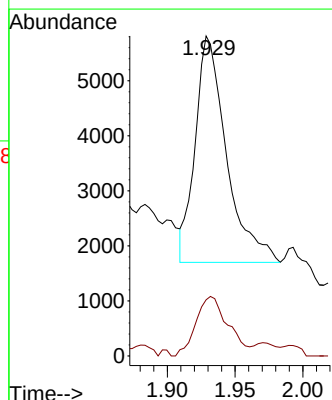
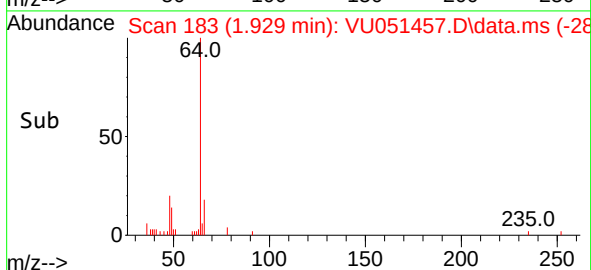
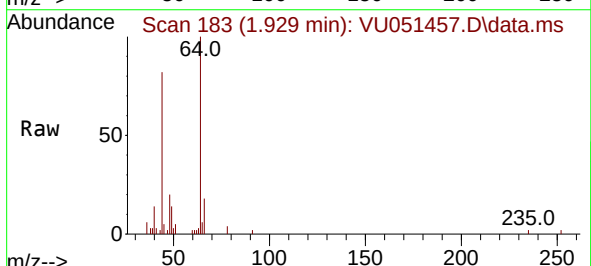
Manual Integrations
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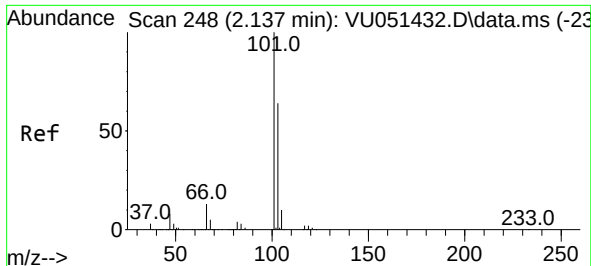
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#6
Chloroethane
Concen: 0.519 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

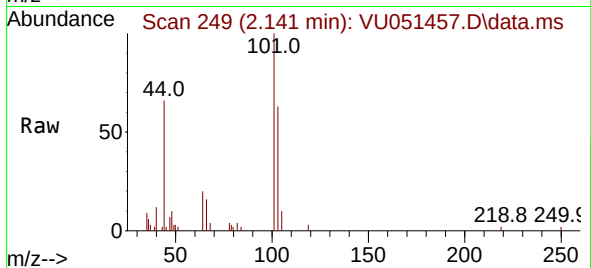
Tgt Ion: 64 Resp: 6585
Ion Ratio Lower Upper
64 100
66 22.1 25.2 37.8#





#7
 Trichlorofluoromethane
 Concen: 0.347 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

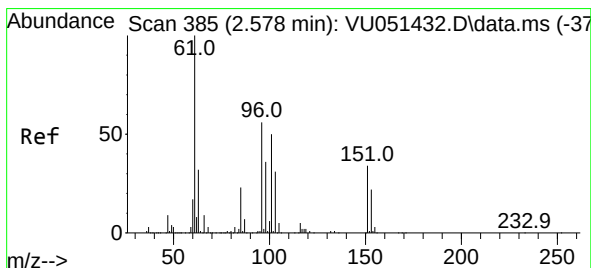
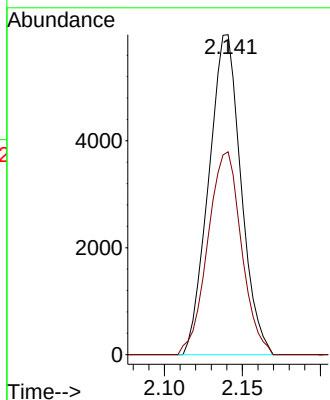
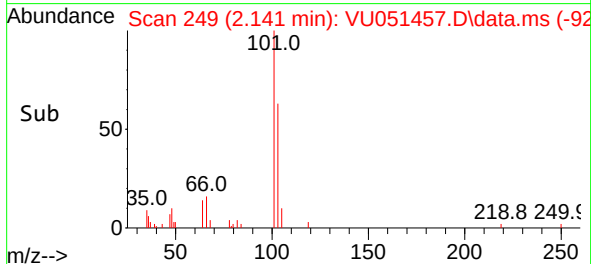
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT3-2022



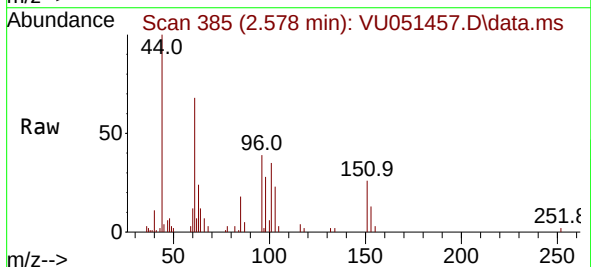
Tgt Ion:101 Resp: 8628
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.2

Manual Integrations
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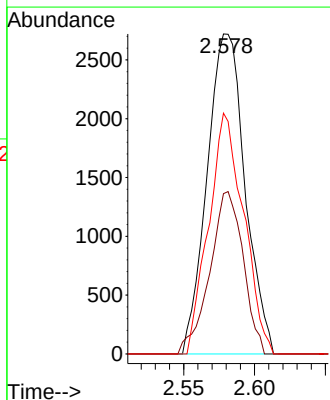
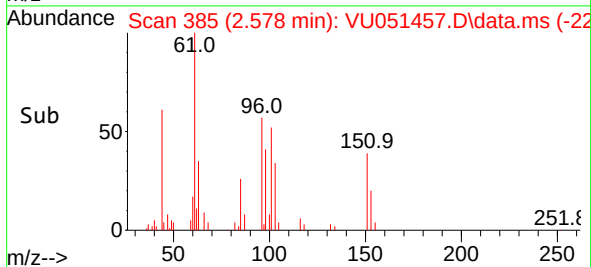
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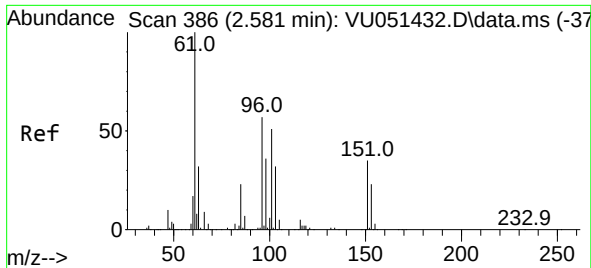


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.369 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49



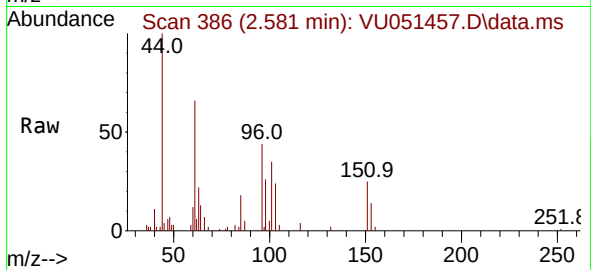
Tgt Ion:101 Resp: 5071
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.6 54.8
 151 69.4 54.6 81.8





#9
 1,1-Dichloroethene
 Concen: 0.372 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

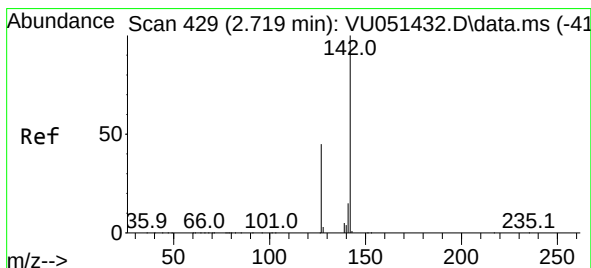
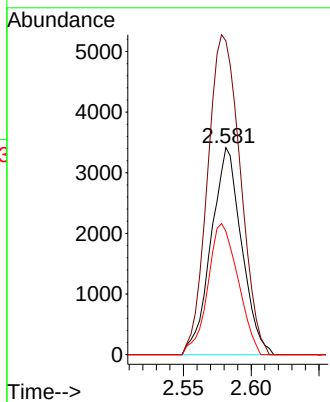
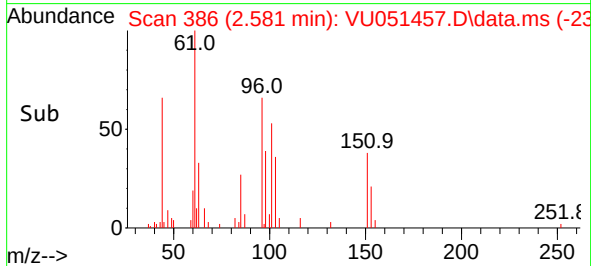
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



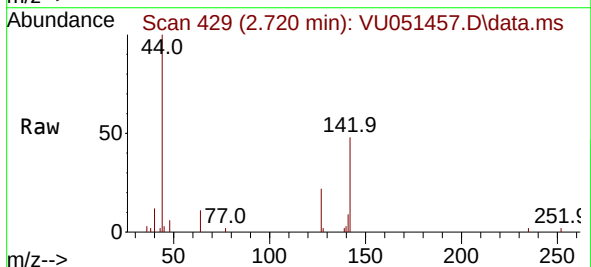
Tgt Ion: 96 Resp: 5339
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 522.3
 98 59.6 0.0 126.6

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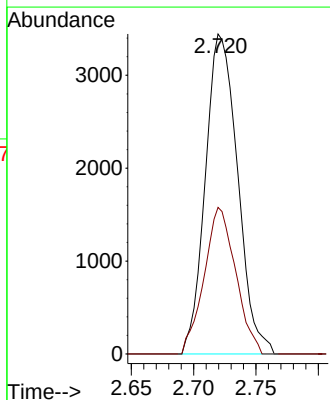
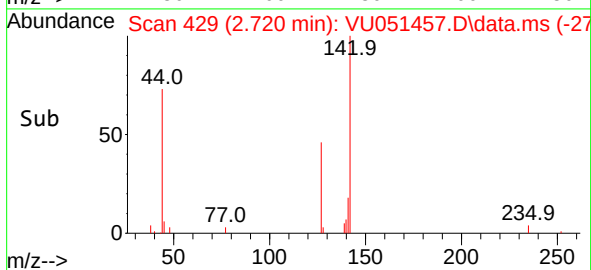
Reviewed By :Krupa Patel 10/20/2022
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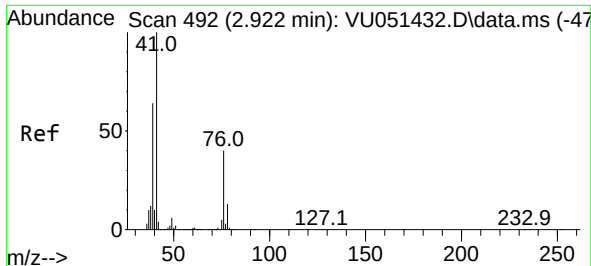


#10
 Iodomethane
 Concen: 0.334 ug/l
 RT: 2.720 min Scan# 429
 Delta R.T. 0.001 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49



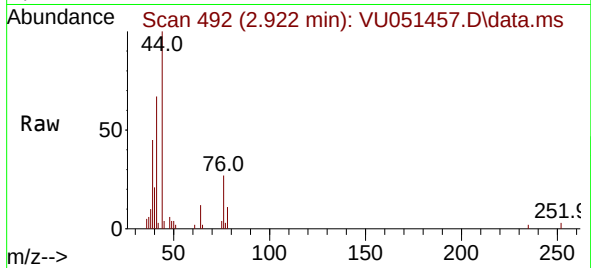
Tgt Ion:142 Resp: 6210
 Ion Ratio Lower Upper
 142 100
 127 44.7 37.0 55.4





#11
 Allyl Chloride
 Concen: 0.377 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

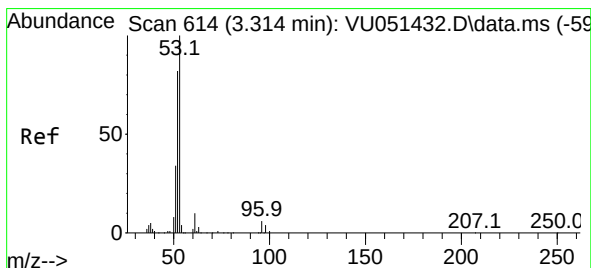
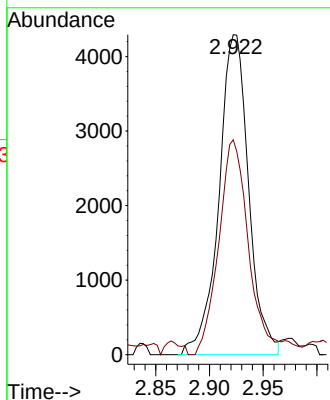
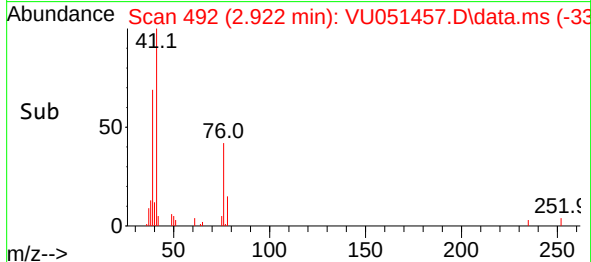
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



Tgt Ion: 41 Resp: 825
 Ion Ratio Lower Upper
 41 100
 39 69.2 51.4 77.0

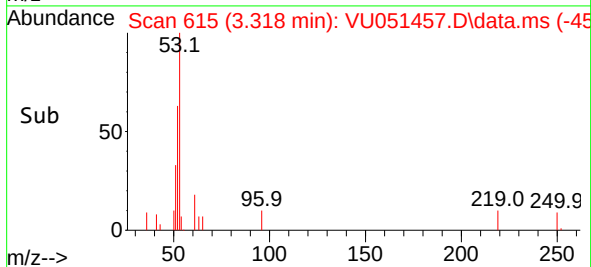
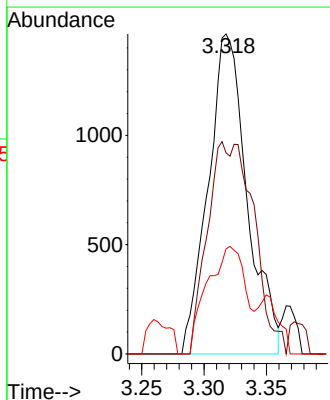
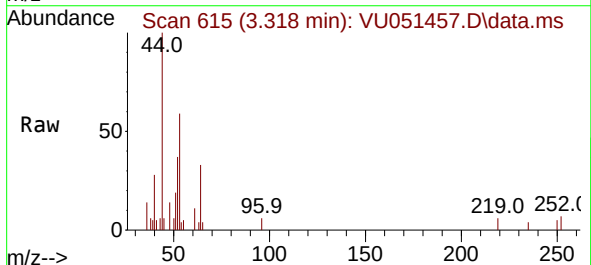
Manual Integrations
 APPROVED

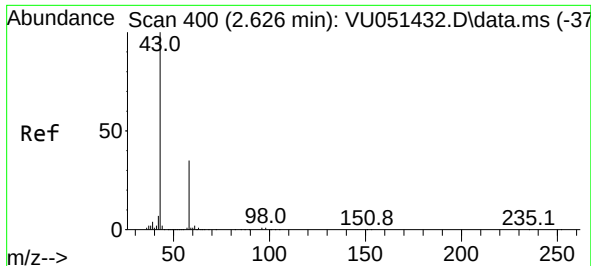
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#12
 Acrylonitrile
 Concen: 0.756 ug/l
 RT: 3.318 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

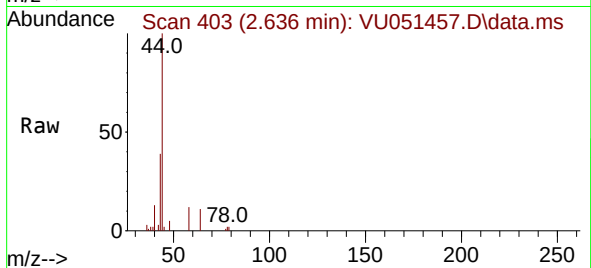
Tgt Ion: 53 Resp: 3190
 Ion Ratio Lower Upper
 53 100
 52 39.7 63.9 95.9#
 51 33.0 25.9 38.9





#13
Acetone
Concen: 2.077 ug/l m
RT: 2.636 min Scan# 400
Delta R.T. 0.010 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

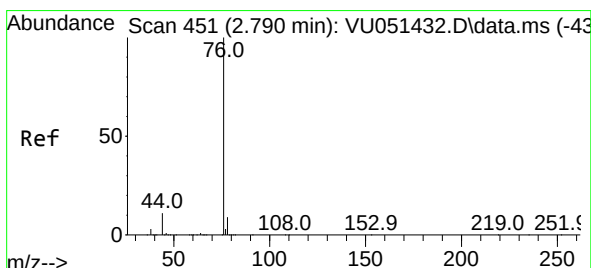
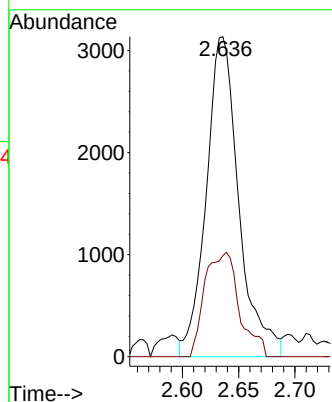
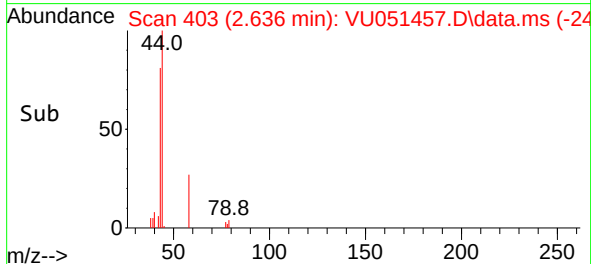
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 43 Resp: 6314
Ion Ratio Lower Upper
43 100
58 31.6 27.9 41.9

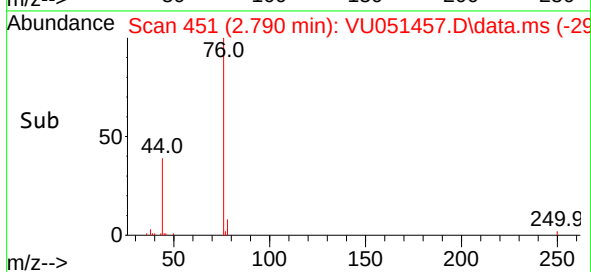
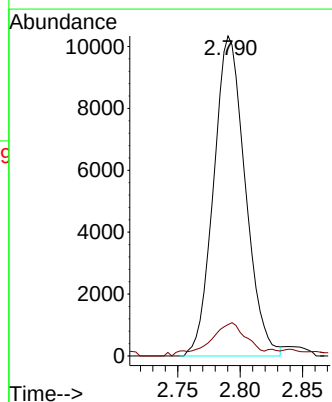
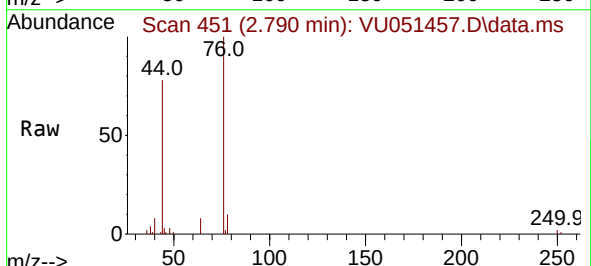
Manual Integrations
APPROVED

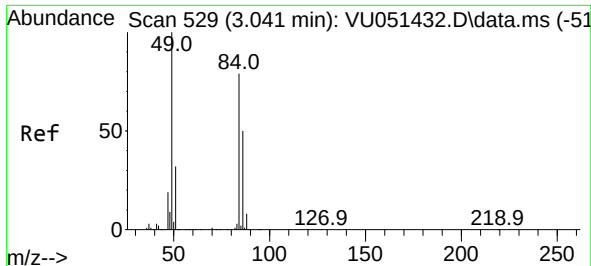
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#14
Carbon Disulfide
Concen: 0.357 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 76 Resp: 18237
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8





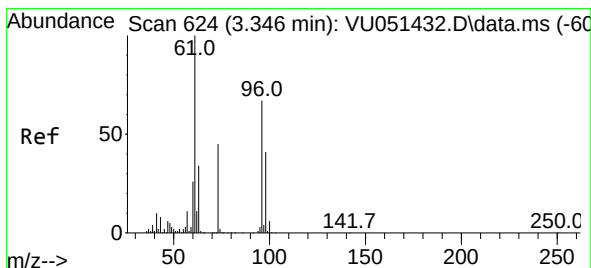
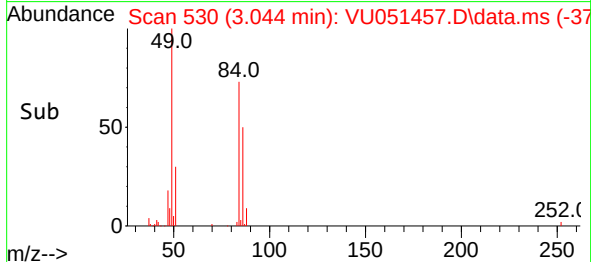
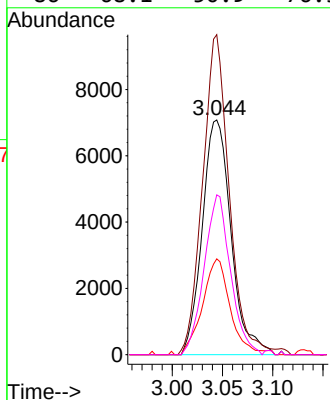
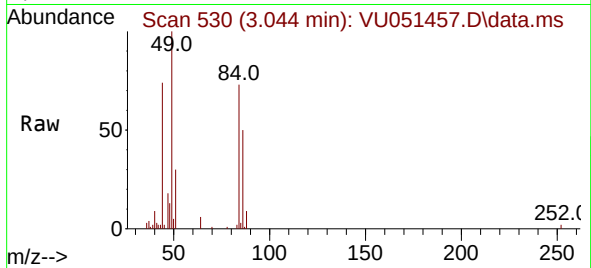
#15
Methylene Chloride
Concen: 0.672 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 84 Resp: 14120
Ion Ratio Lower Upper
84 100
49 136.3 101.1 151.7
51 40.8 0.0 80.2
86 68.1 50.9 76.3

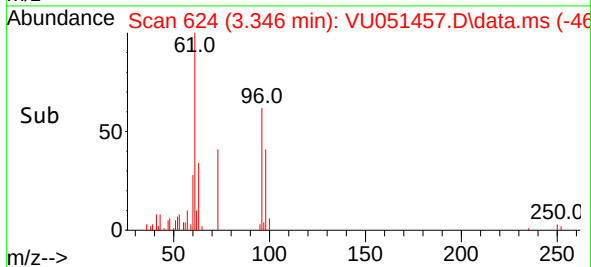
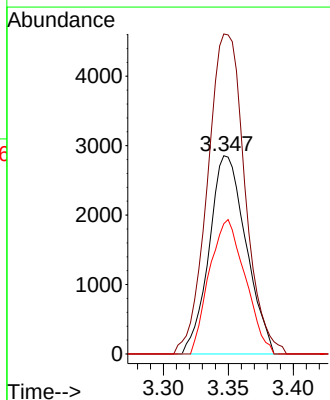
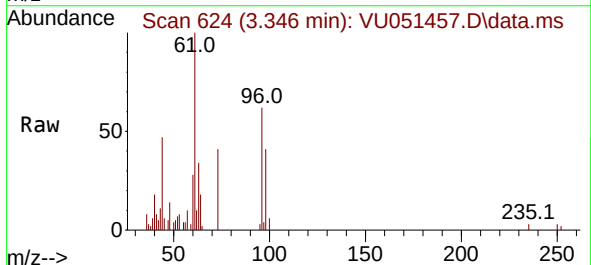
Manual Integrations
APPROVED

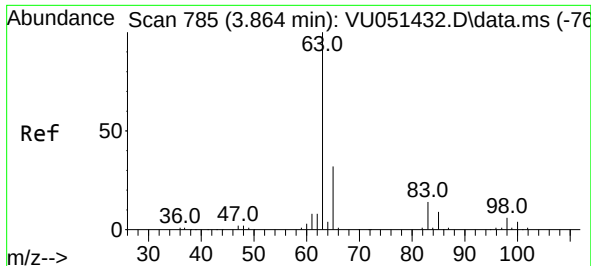
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#16
trans-1,2-Dichloroethene
Concen: 0.343 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 96 Resp: 5634
Ion Ratio Lower Upper
96 100
61 157.0 119.9 179.9
98 65.7 49.5 74.3





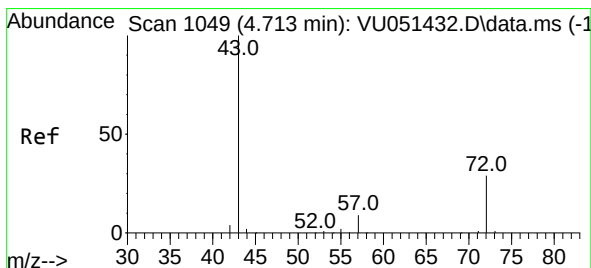
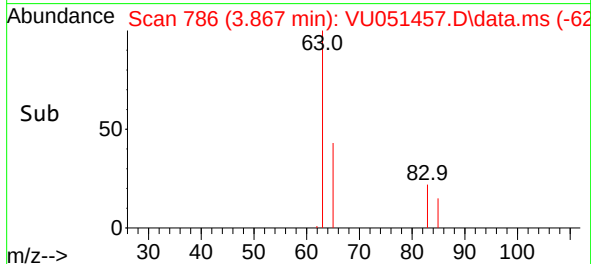
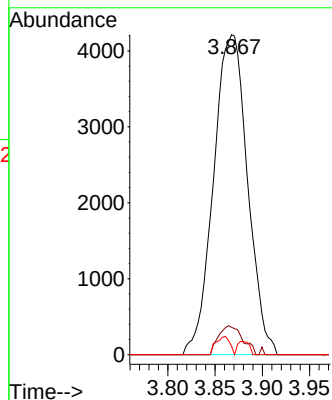
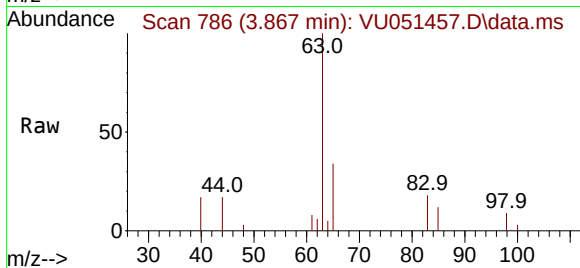
#17
1,1-Dichloroethane
Concen: 0.357 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 63 Resp: 1056
Ion Ratio Lower Upper
63 100
98 8.5 3.1 9.3
100 2.7 2.1 6.3

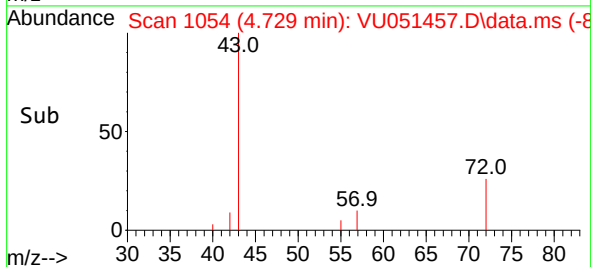
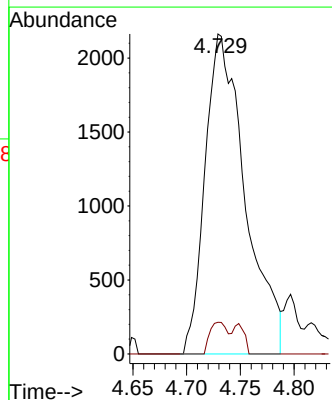
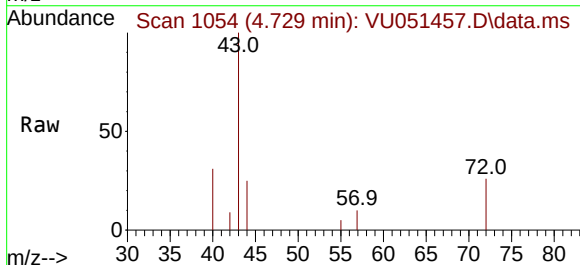
Manual Integrations
APPROVED

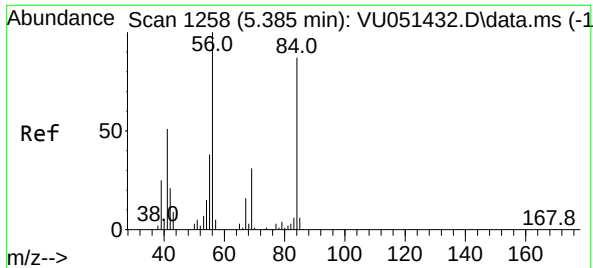
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#18
2-Butanone
Concen: 1.525 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 43 Resp: 5623
Ion Ratio Lower Upper
43 100
57 9.9 0.0 18.2





#19

Cyclohexane

Concen: 0.254 ug/l m

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051457.D

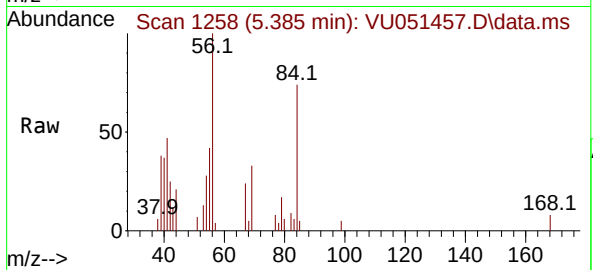
Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



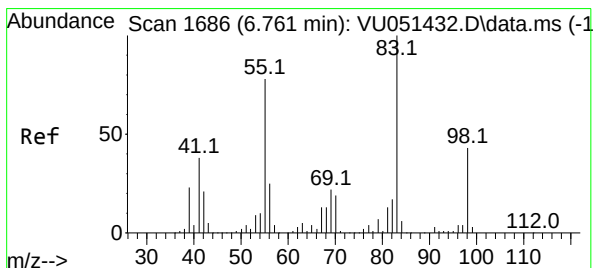
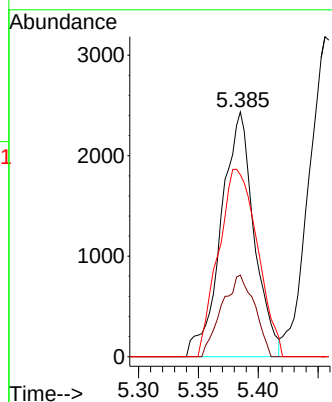
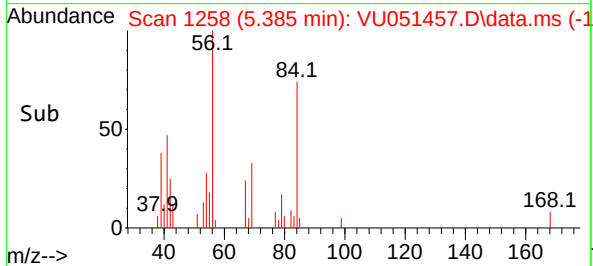
Tgt Ion:	56	Resp:	465
Ion Ratio	Lower	Upper	
56	100		
69	33.2	25.0	37.4
84	90.8	68.5	102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#20

Methylcyclohexane

Concen: 0.254 ug/l

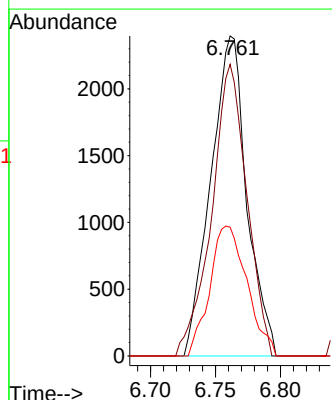
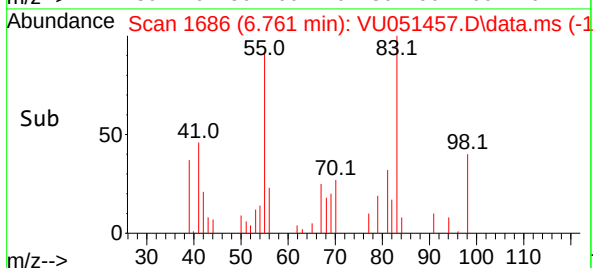
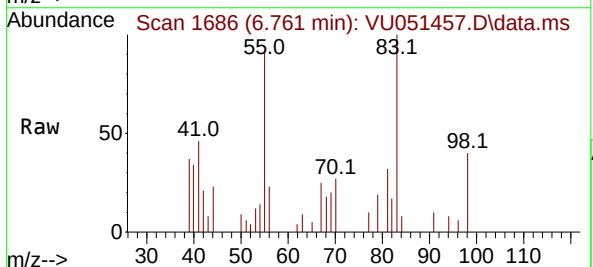
RT: 6.761 min Scan# 1686

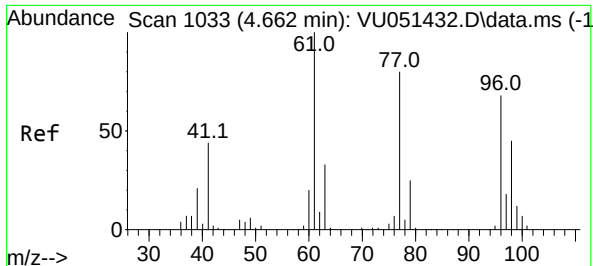
Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Tgt Ion:	83	Resp:	4620
Ion Ratio	Lower	Upper	
83	100		
55	88.7	62.4	93.6
98	41.9	35.5	53.3





#21

2,2-Dichloropropane

Concen: 0.369 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 761

Ion Ratio Lower Upper

77 100

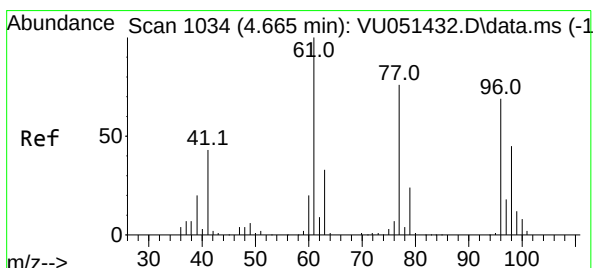
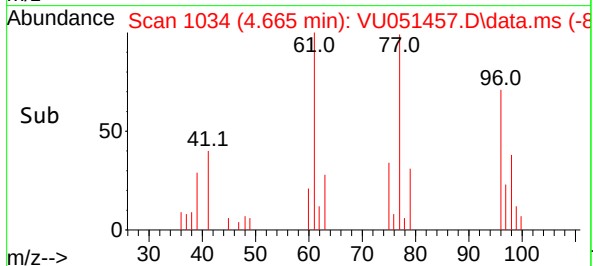
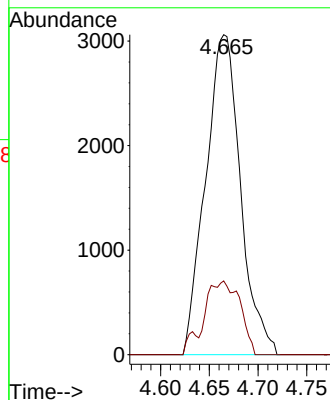
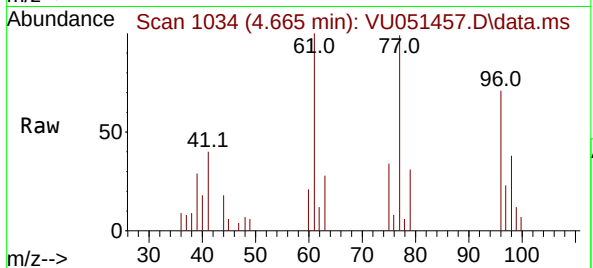
97 21.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#22

cis-1,2-Dichloroethene

Concen: 0.299 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

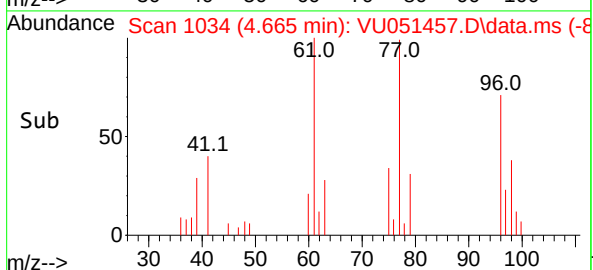
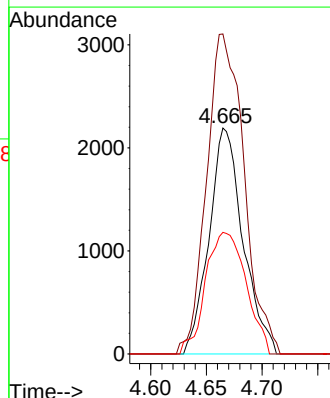
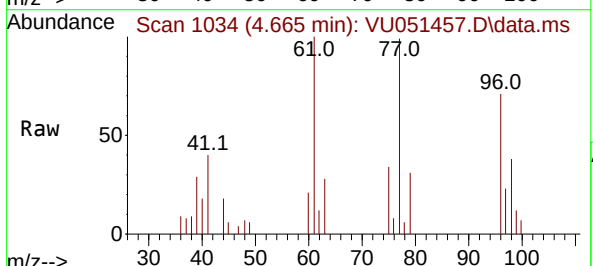
Tgt Ion: 96 Resp: 4658

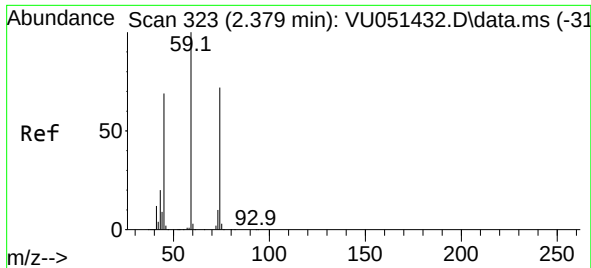
Ion Ratio Lower Upper

96 100

61 155.9 0.0 362.8

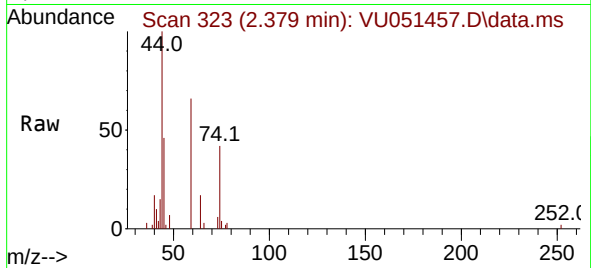
98 64.1 32.5 97.5





#23
Diethyl Ether
Concen: 0.362 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

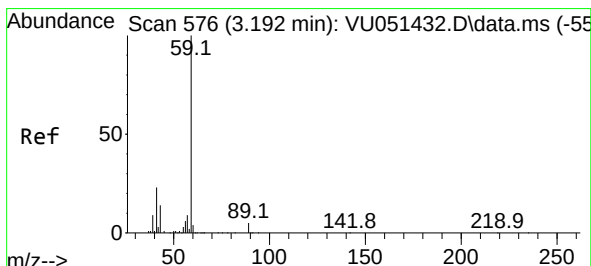
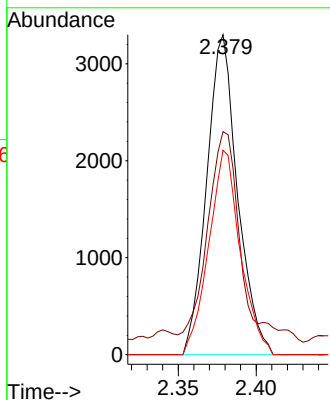
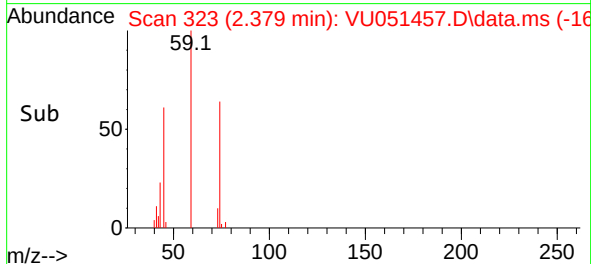
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



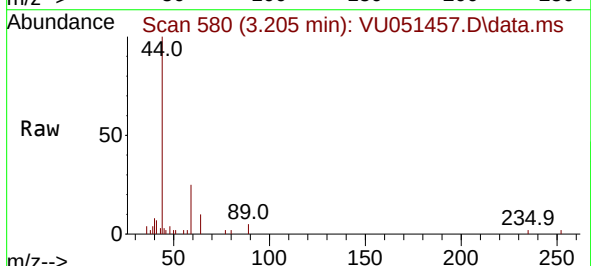
Tgt Ion: 59 Resp: 4530
Ion Ratio Lower Upper
59 100
45 70.2 55.7 83.5
74 65.4 58.2 87.4

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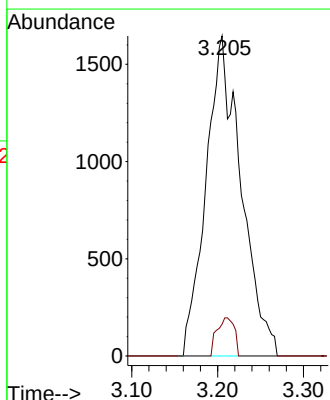
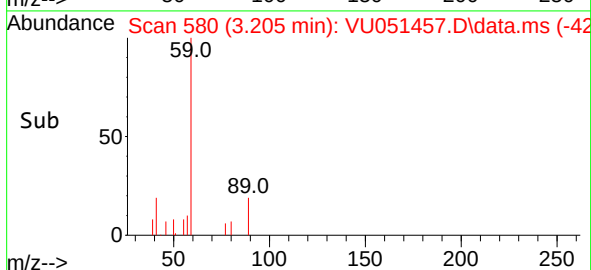
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

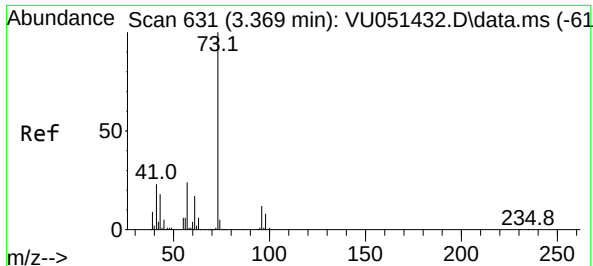


#24
tert-Butyl Alcohol
Concen: 3.557 ug/l m
RT: 3.205 min Scan# 580
Delta R.T. 0.013 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



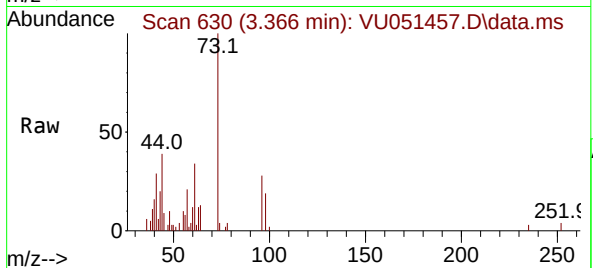
Tgt Ion: 59 Resp: 4672
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.322 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

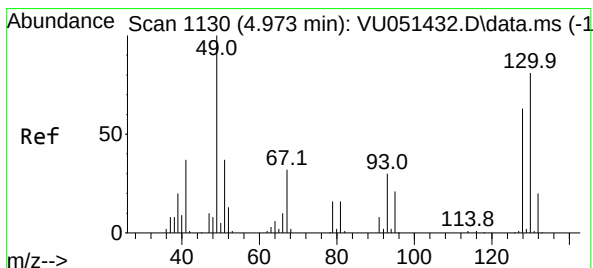
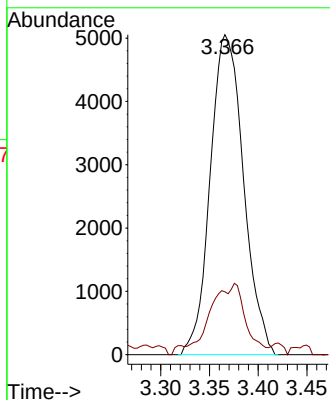
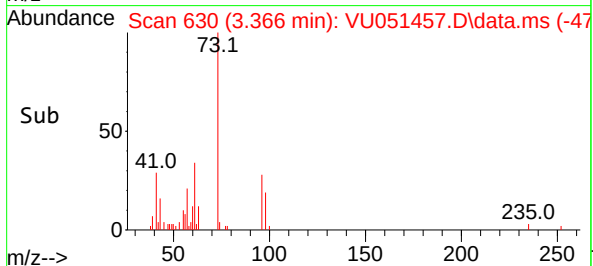
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



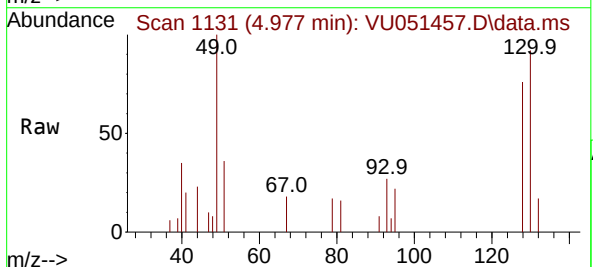
Tgt Ion: 73 Resp: 1202
Ion Ratio Lower Upper
73 100
43 10.0 14.2 21.4

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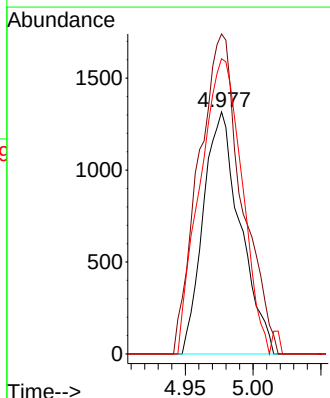
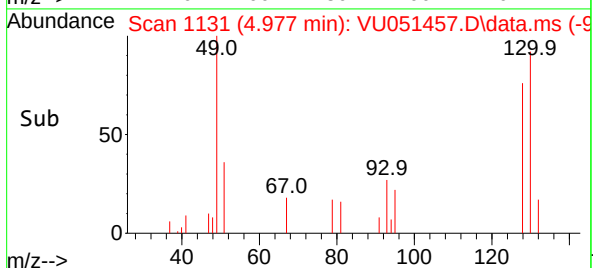
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

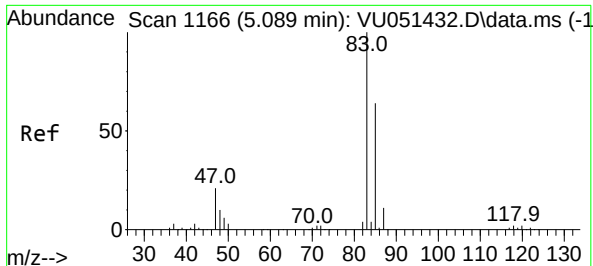


#26
Bromochloromethane
Concen: 0.330 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



Tgt Ion:128 Resp: 2500
Ion Ratio Lower Upper
128 100
49 154.3 0.0 320.4
130 137.9 105.0 157.6





#27

Chloroform

Concen: 0.346 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 10350

Ion Ratio Lower Upper

83 100

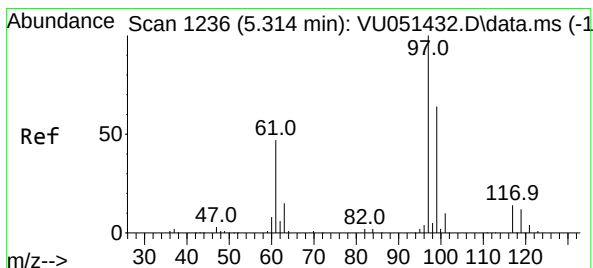
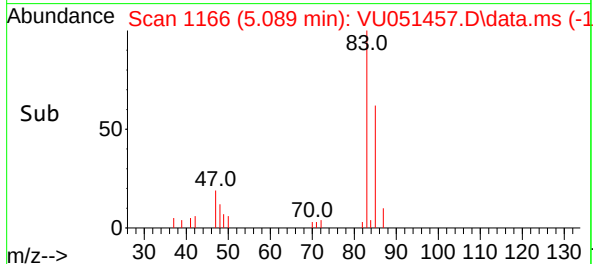
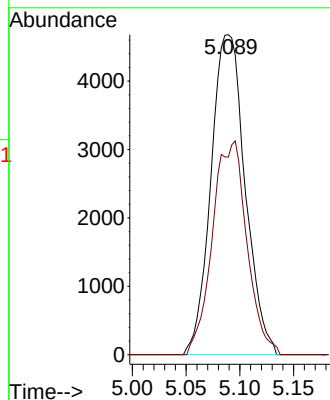
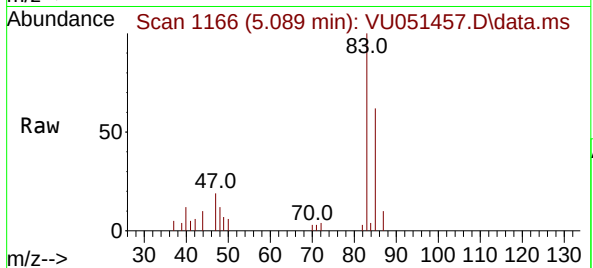
85 61.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#28

1,1,1-Trichloroethane

Concen: 0.328 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

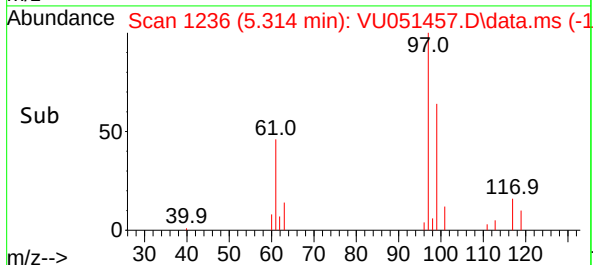
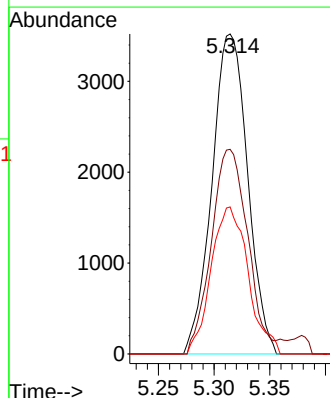
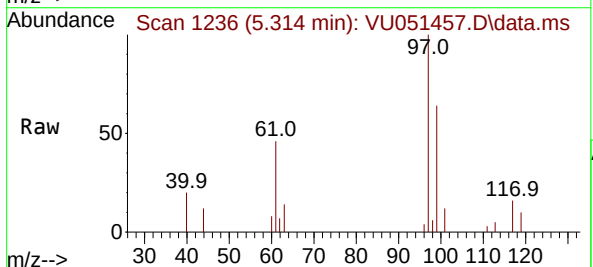
Tgt Ion: 97 Resp: 7845

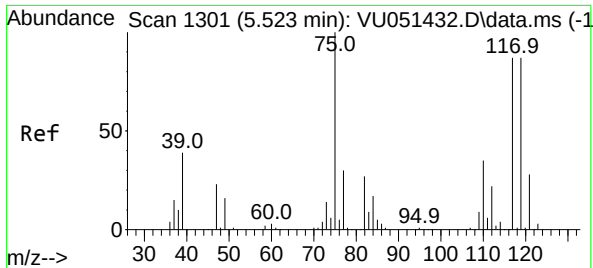
Ion Ratio Lower Upper

97 100

99 65.4 31.8 95.4

61 47.6 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.287 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 75 Resp: 5250

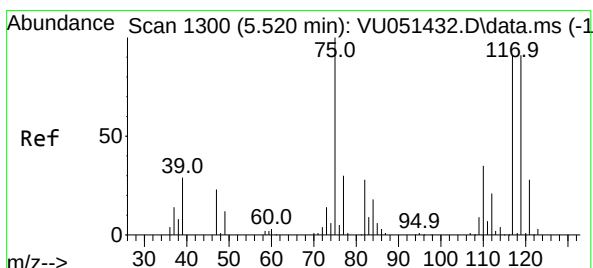
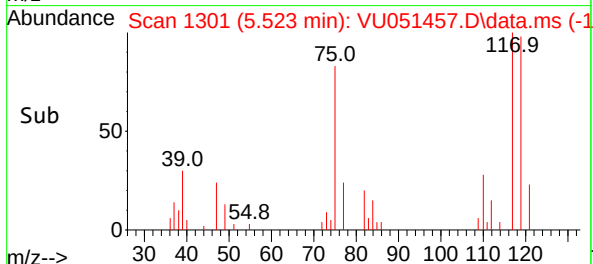
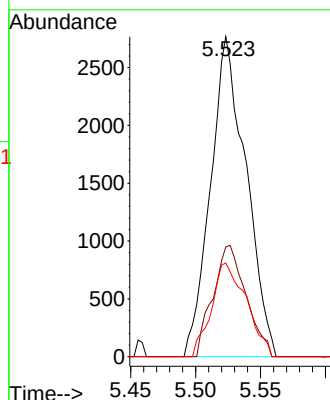
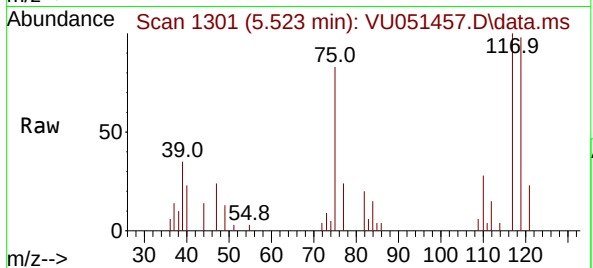
Ion	Ratio	Lower	Upper
75	100		
110	32.4	17.8	53.3
77	28.8	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#30

Carbon Tetrachloride

Concen: 0.351 ug/l

RT: 5.520 min Scan# 1300

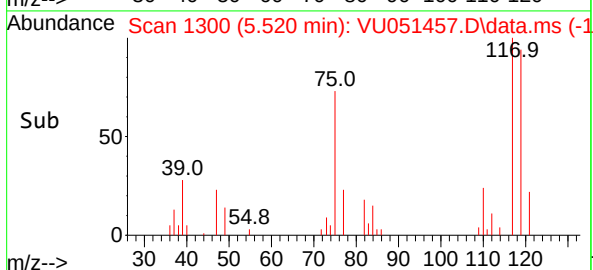
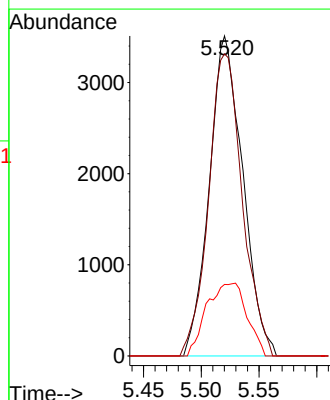
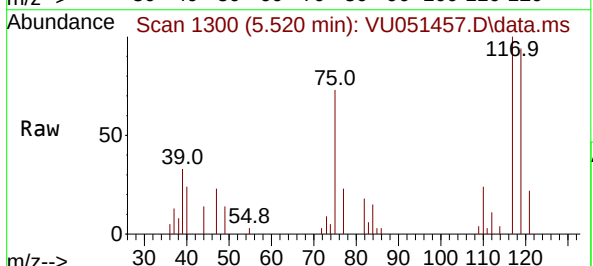
Delta R.T. 0.000 min

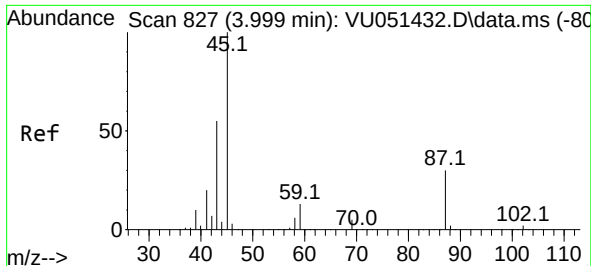
Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Tgt Ion:117 Resp: 7075

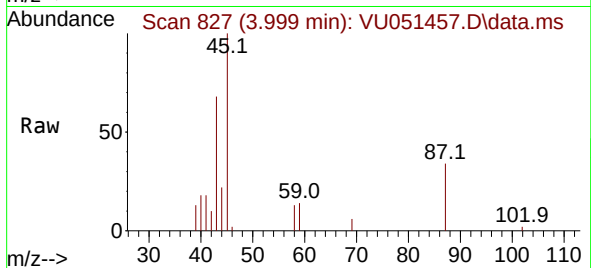
Ion	Ratio	Lower	Upper
117	100		
119	94.4	80.0	120.0
121	22.4	24.9	37.3





#31
Isopropyl Ether
Concen: 0.291 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

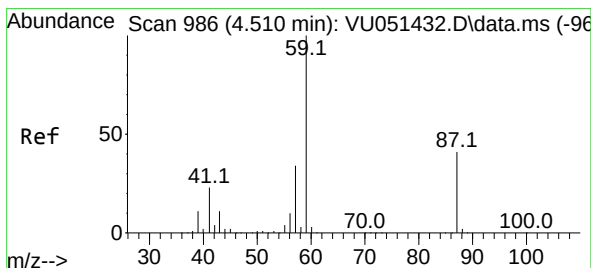
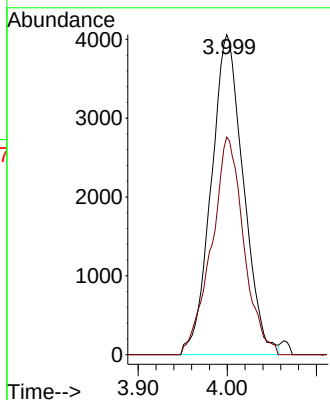
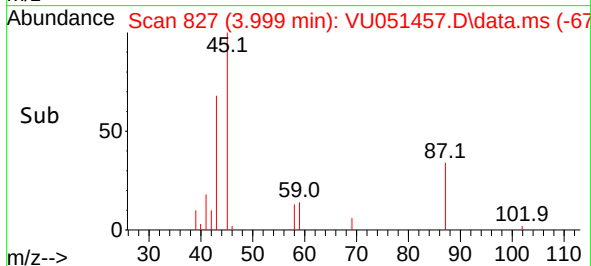
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 45 Resp: 10170
Ion Ratio Lower Upper
45 100
43 68.2 27.6 82.7

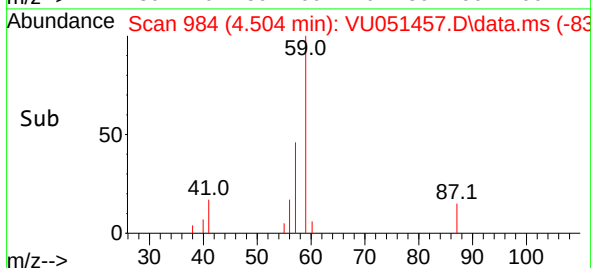
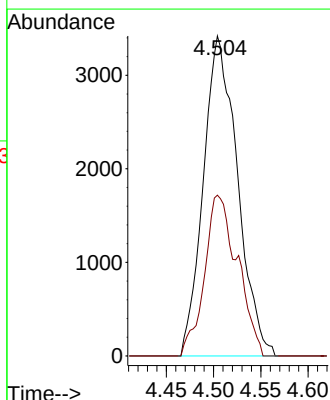
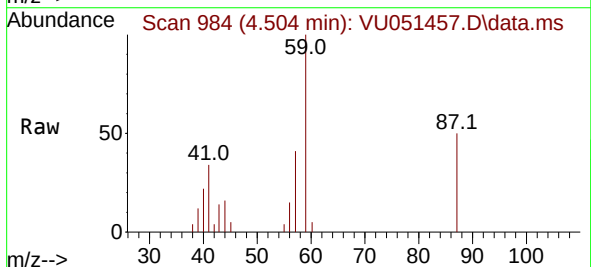
Manual Integrations
APPROVED

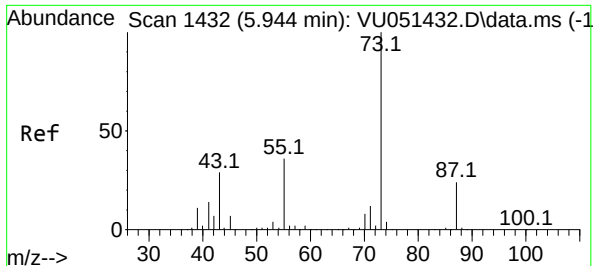
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#32
Ethyl-t-butyl ether
Concen: 0.269 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

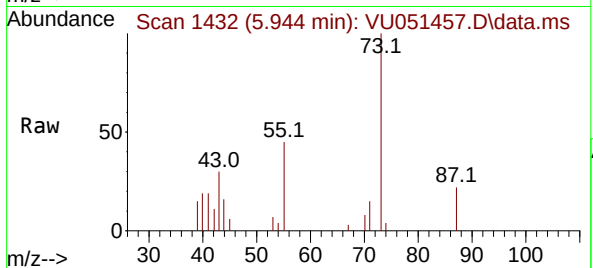
Tgt Ion: 59 Resp: 8581
Ion Ratio Lower Upper
59 100
87 48.5 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 0.251 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

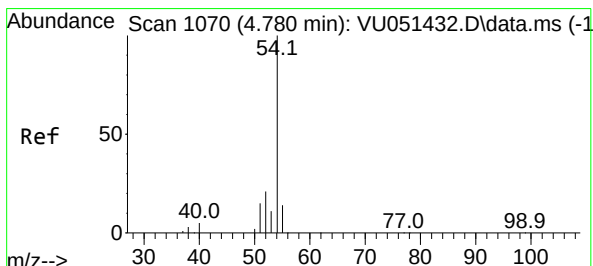
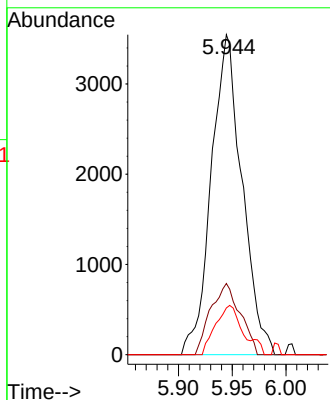
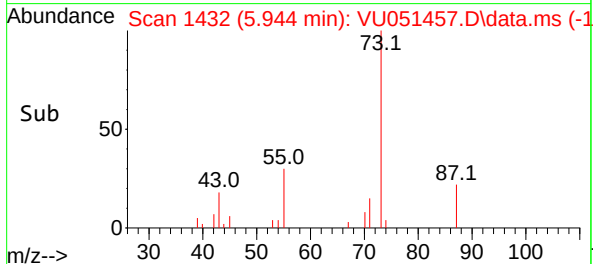
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



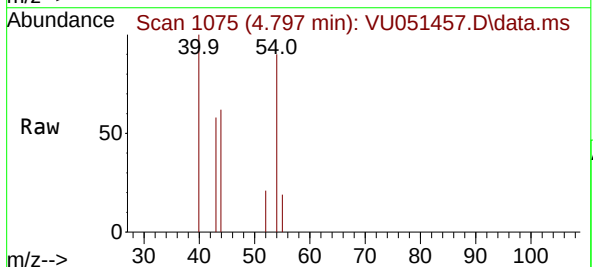
Tgt Ion: 73 Resp: 7054
Ion Ratio Lower Upper
73 100
87 21.4 18.9 28.3
71 13.8 9.4 14.2

Manual Integrations
APPROVED

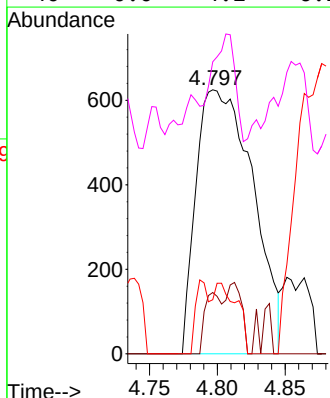
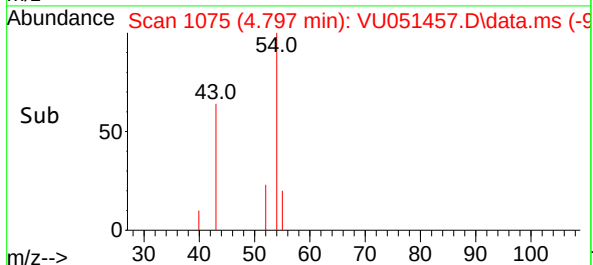
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

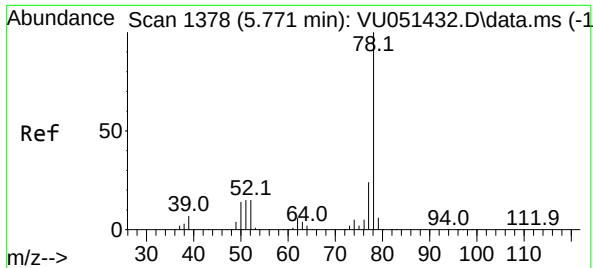


#34
Propionitrile
Concen: 1.467 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



Tgt Ion: 54 Resp: 1819
Ion Ratio Lower Upper
54 100
52 6.8 16.4 24.6#
55 10.1 11.5 17.3#
40 0.0 4.2 6.2#





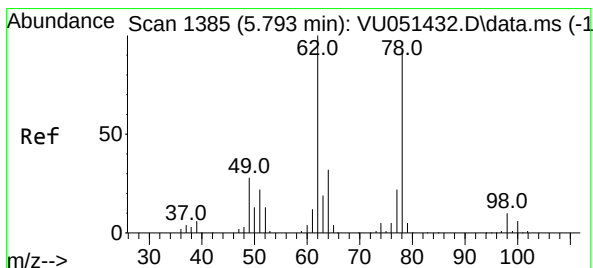
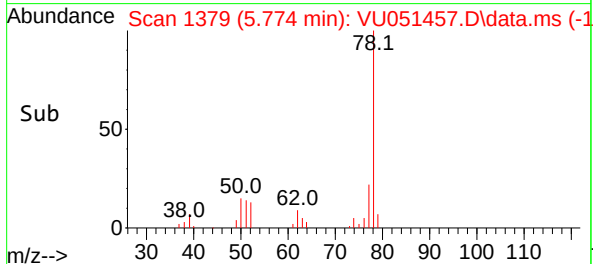
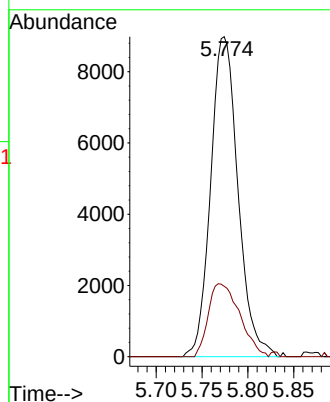
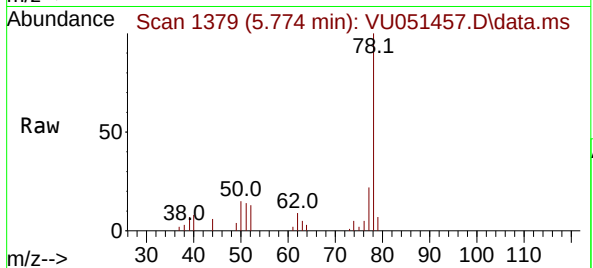
#35
Benzene
Concen: 0.303 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 78 Resp: 1863
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.6

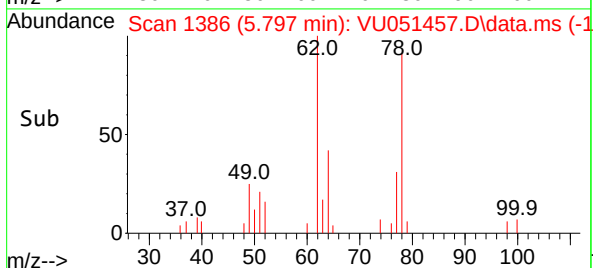
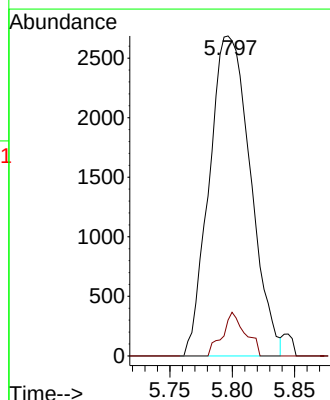
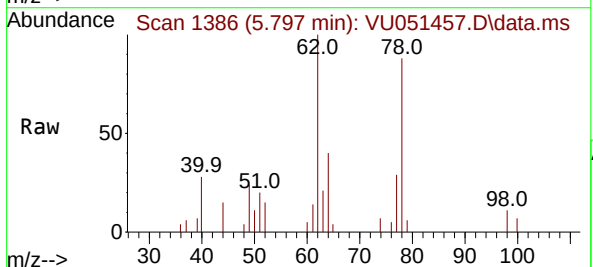
Manual Integrations
APPROVED

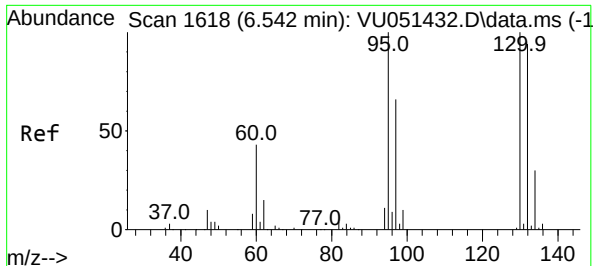
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#36
1,2-Dichloroethane
Concen: 0.326 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 62 Resp: 6175
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.2





#37

Trichloroethene

Concen: 0.326 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:130 Resp: 470

Ion Ratio Lower Upper

130 100

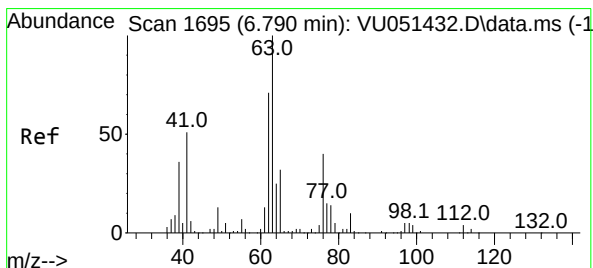
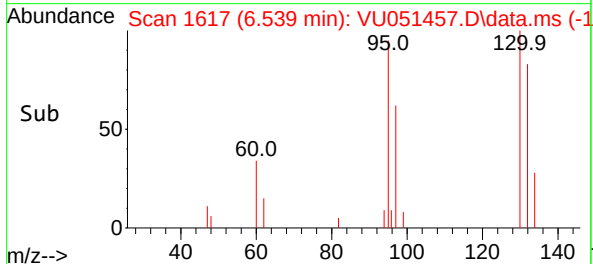
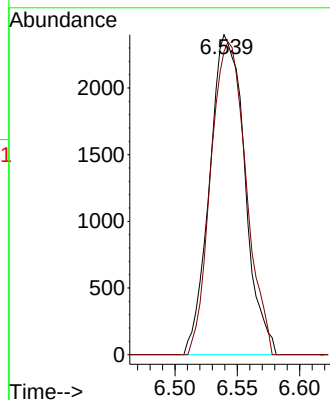
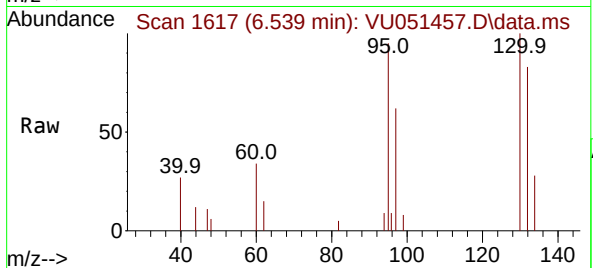
95 94.8 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#38

1,2-Dichloropropane

Concen: 0.310 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051457.D

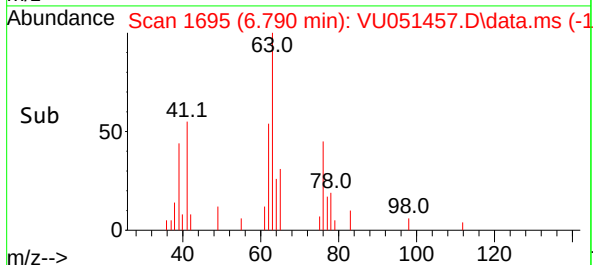
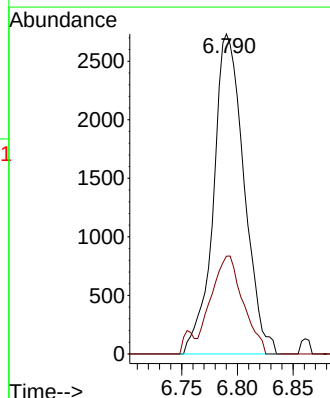
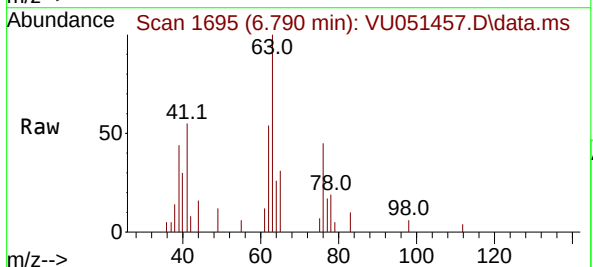
Acq: 19 Oct 2022 14:49

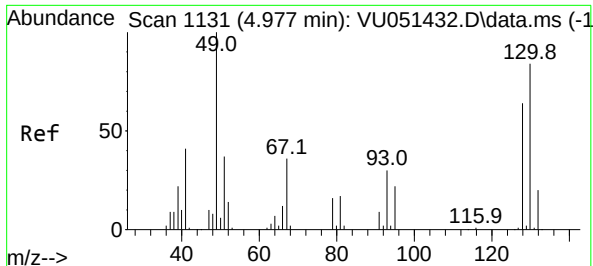
Tgt Ion: 63 Resp: 5223

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2





#39

Methacrylonitrile

Concen: 0.298 ug/l

RT: 4.983 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VU051457.D

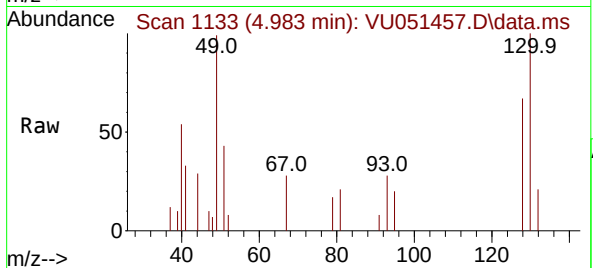
Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



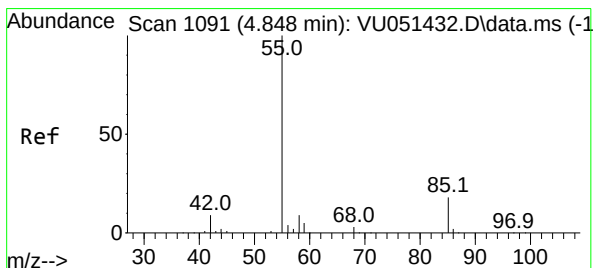
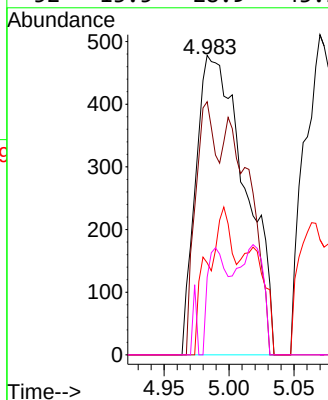
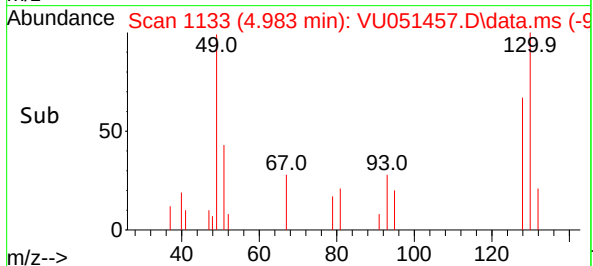
Tgt Ion: 41	Resp: 126
Ion Ratio	Lower Upper
41	100
67	38.2 69.6 104.4
39	25.8 42.2 63.4
52	13.5 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#40

Methyl acrylate

Concen: 0.245 ug/l

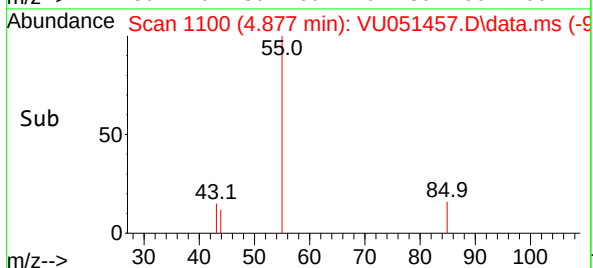
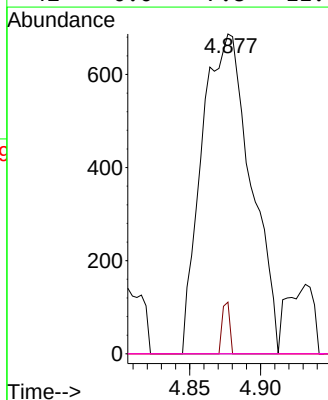
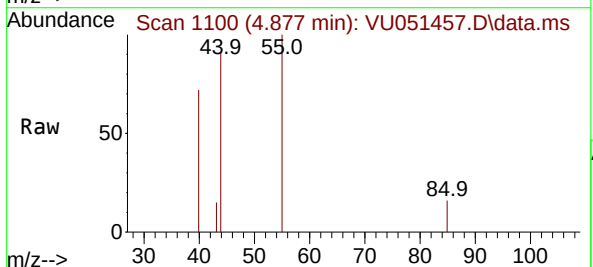
RT: 4.877 min Scan# 1100

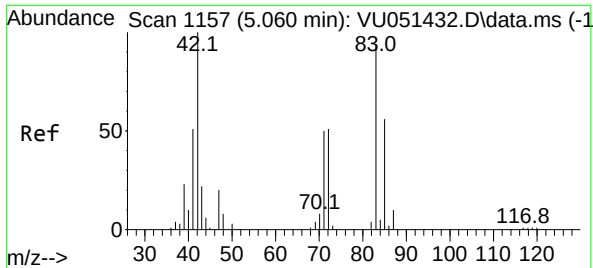
Delta R.T. 0.029 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Tgt Ion: 55	Resp: 1655
Ion Ratio	Lower Upper
55	100
85	0.0 15.0 22.6
58	0.0 7.5 11.3
42	0.0 7.8 11.6





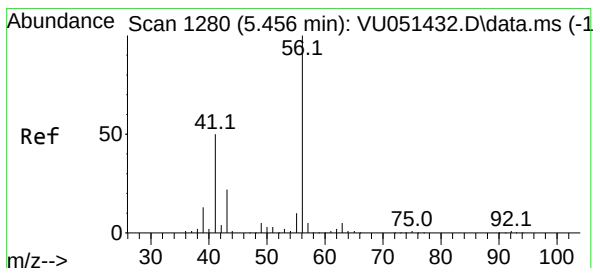
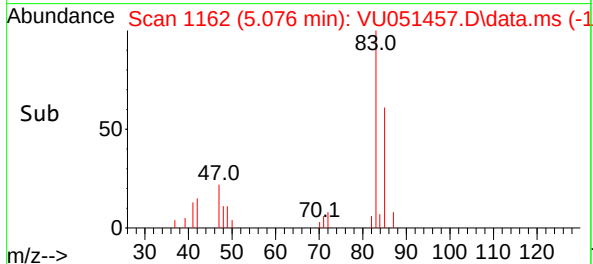
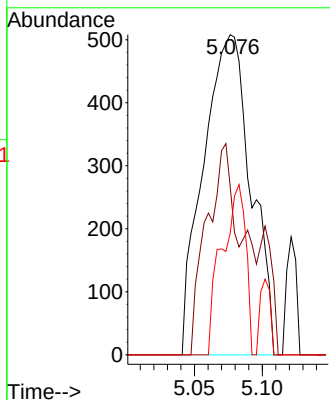
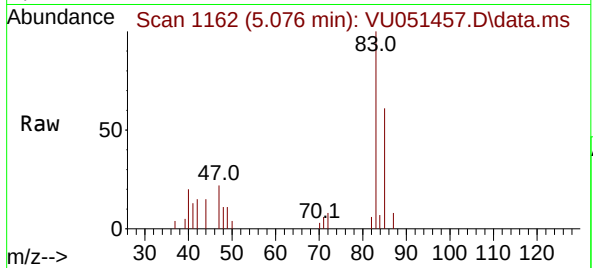
#41
Tetrahydrofuran
Concen: 0.559 ug/l
RT: 5.076 min Scan# 1157
Delta R.T. 0.016 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 42 Resp: 1245
Ion Ratio Lower Upper
42 100
72 38.2 42.6 64.0
71 26.6 38.3 57.5

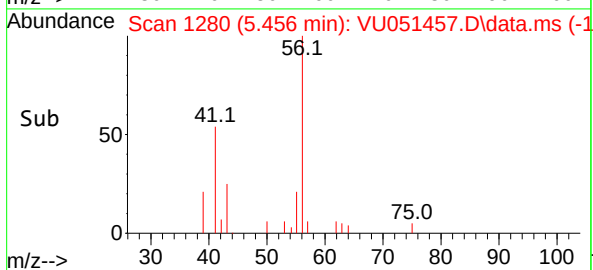
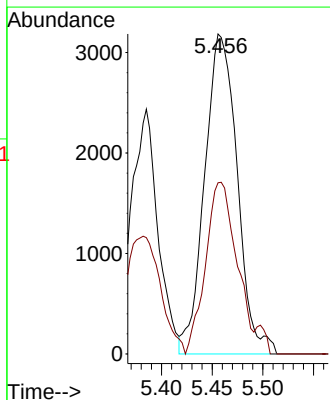
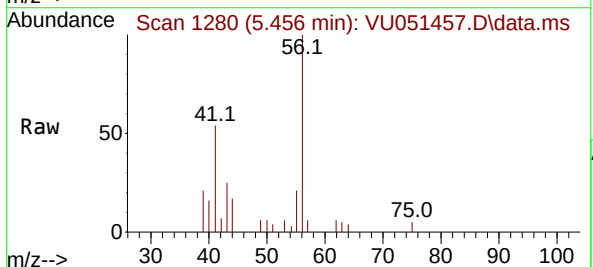
Manual Integrations
APPROVED

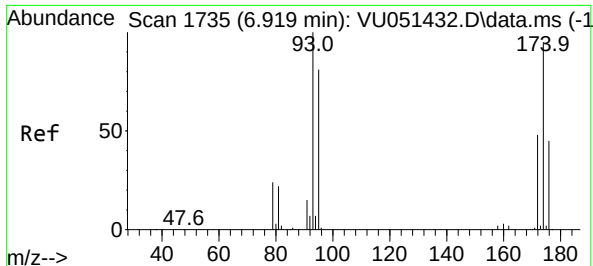
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#42
1-Chlorobutane
Concen: 0.285 ug/l m
RT: 5.456 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 56 Resp: 7118
Ion Ratio Lower Upper
56 100
41 51.0 24.8 74.4





#43

Dibromomethane

Concen: 0.316 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 93 Resp: 276

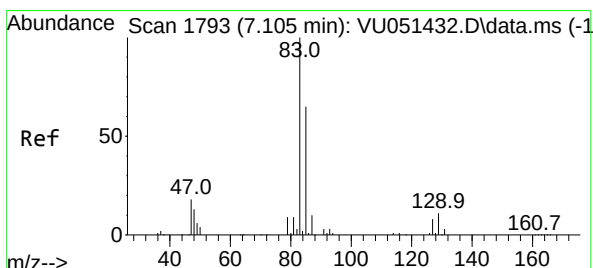
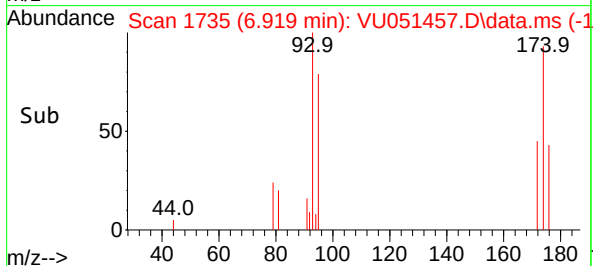
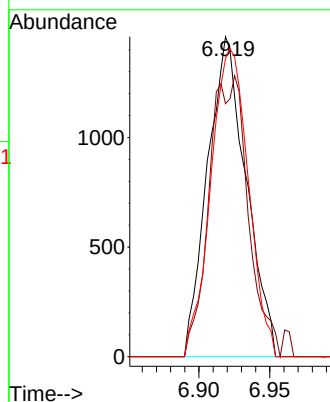
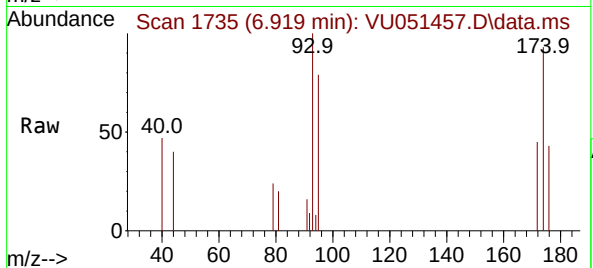
Ion	Ratio	Lower	Upper
93	100		
95	42.4	66.7	100.1
174	93.9	75.5	113.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#44

Bromodichloromethane

Concen: 0.333 ug/l

RT: 7.105 min Scan# 1793

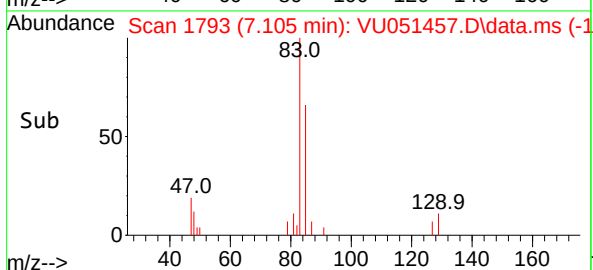
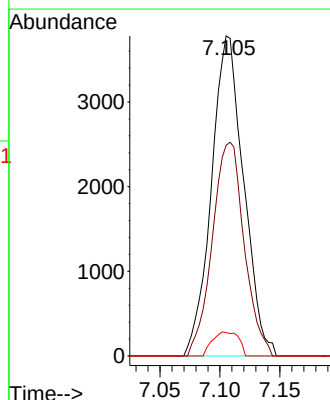
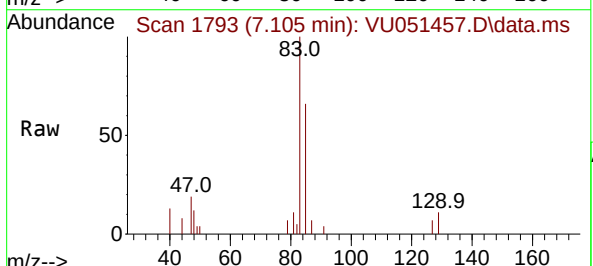
Delta R.T. 0.000 min

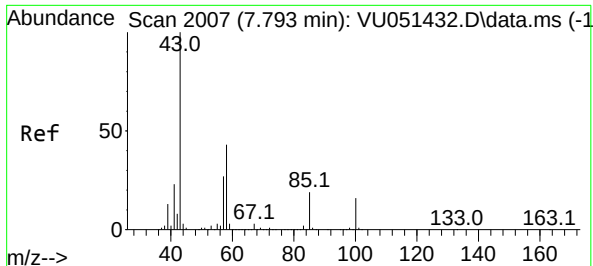
Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Tgt Ion: 83 Resp: 7057

Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.1	78.1
127	7.3	6.8	10.2





#45

4-Methyl-2-Pentanone

Concen: 1.244 ug/l

RT: 7.800 min Scan# 2007

Delta R.T. 0.007 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

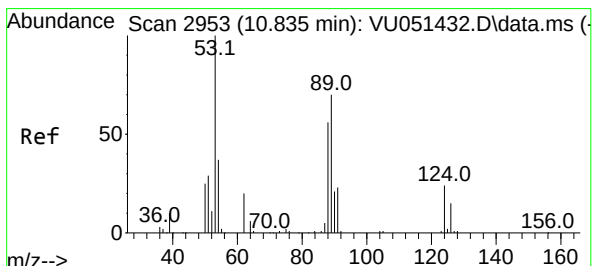
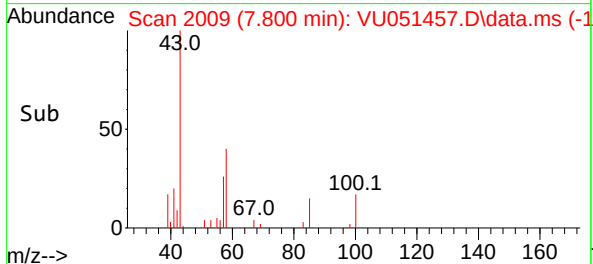
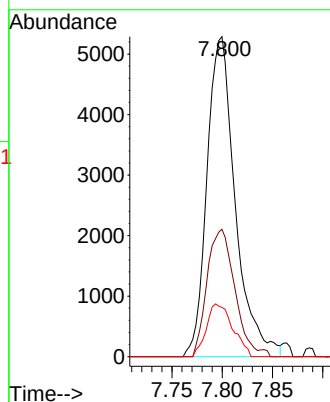
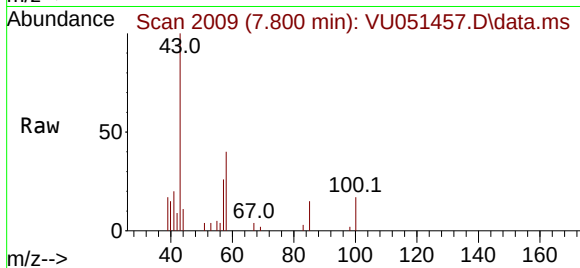
Tgt Ion:	43	Resp:	1035
Ion	Ratio	Lower	Upper
43	100		
58	39.1	21.4	64.3
85	15.3	15.4	23.0

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: 0.641 ug/l m

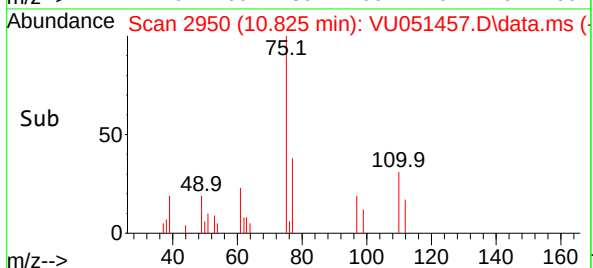
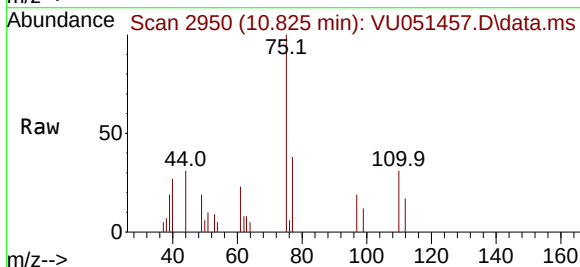
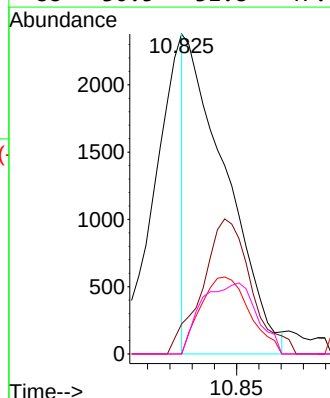
RT: 10.825 min Scan# 2950

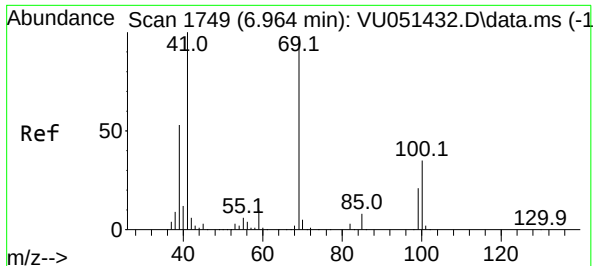
Delta R.T. -0.010 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

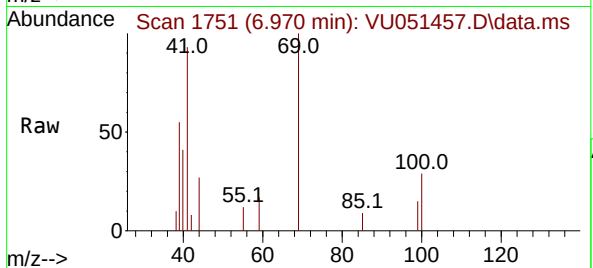
Tgt Ion:	75	Resp:	2980
Ion	Ratio	Lower	Upper
75	100		
53	51.1	61.1	91.7#
89	29.2	41.0	61.6#
88	30.5	31.8	47.8#





#47
Methyl methacrylate
Concen: 0.472 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

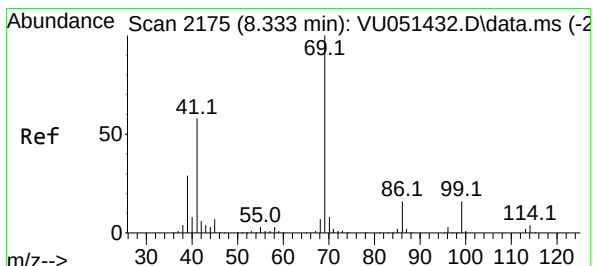
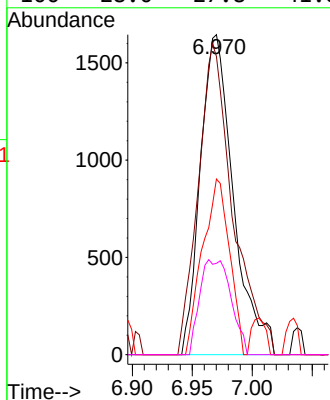
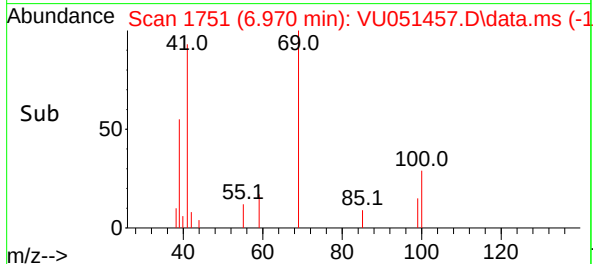
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 69 Resp: 315
Ion Ratio Lower Upper
69 100
41 101.7 0.0 200.8
39 45.0 44.1 66.1
100 28.0 27.8 41.8

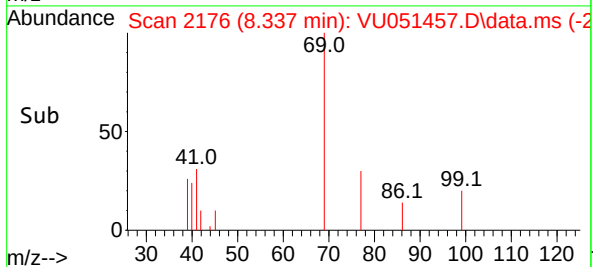
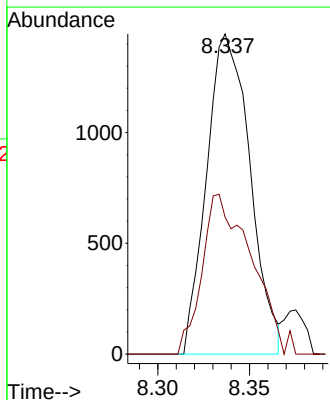
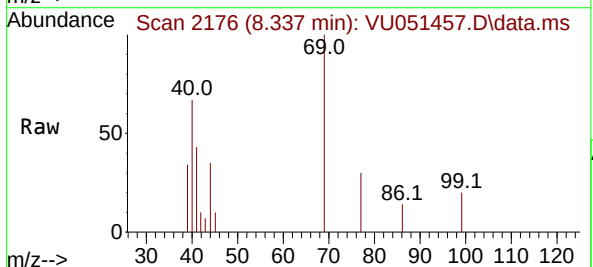
Manual Integrations
APPROVED

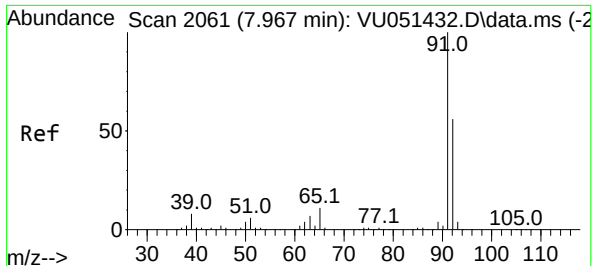
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#48
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion: 69 Resp: 2381
Ion Ratio Lower Upper
69 100
41 56.9 28.8 86.5





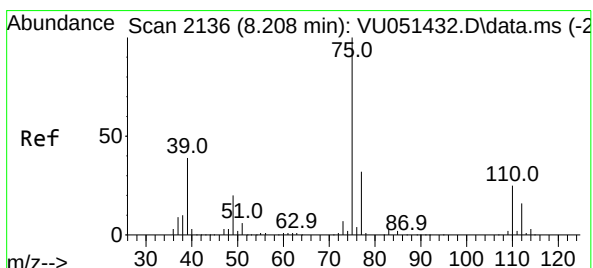
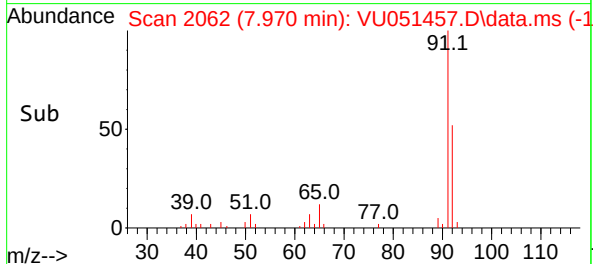
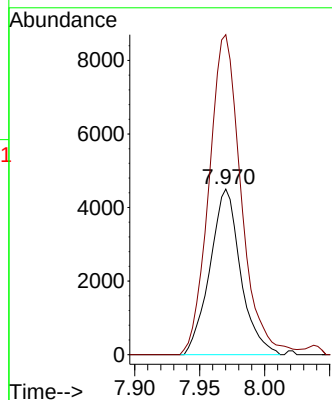
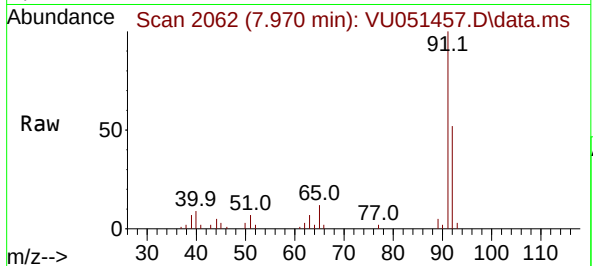
#49
Toluene
Concen: 0.219 ug/l
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 92 Resp: 7380
Ion Ratio Lower Upper
92 100
91 202.6 141.8 212.6

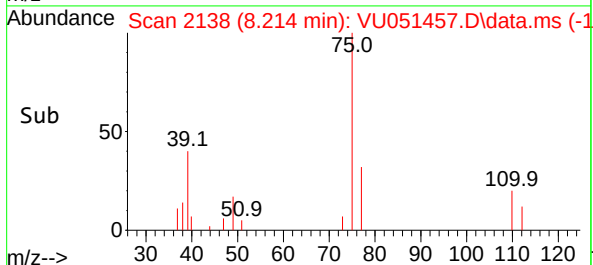
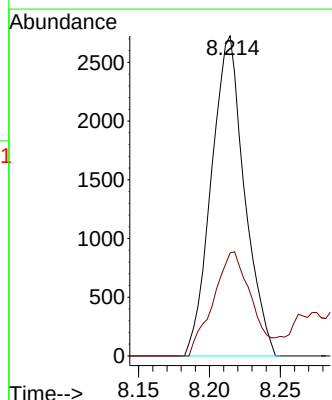
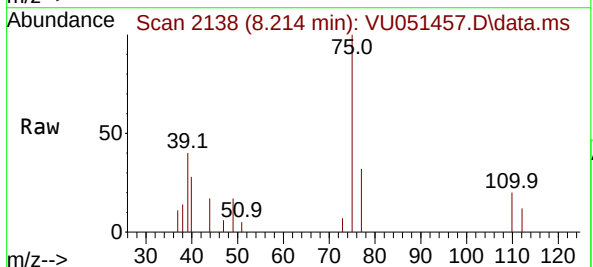
Manual Integrations
APPROVED

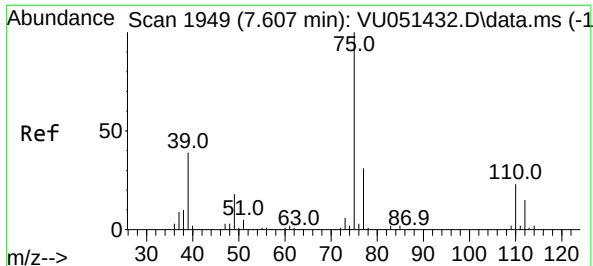
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#50
t-1,3-Dichloropropene
Concen: 0.260 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.007 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

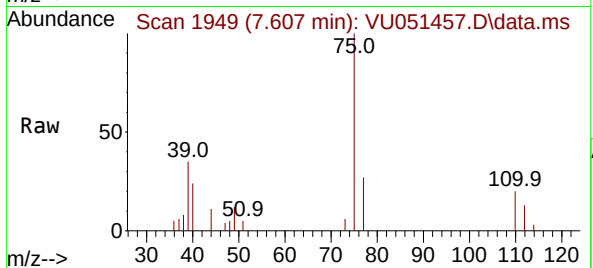
Tgt Ion: 75 Resp: 4435
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.282 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

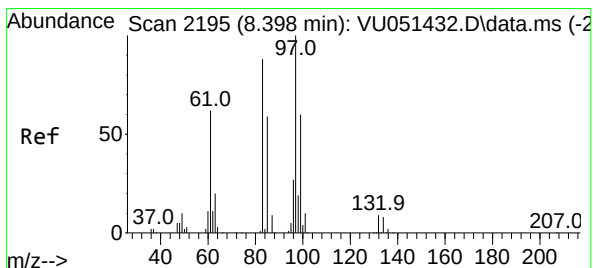
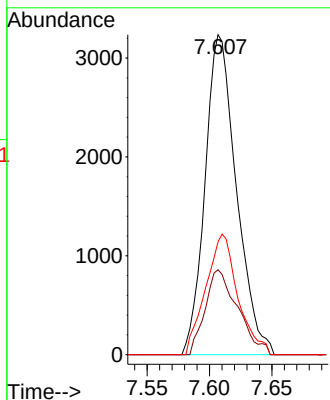
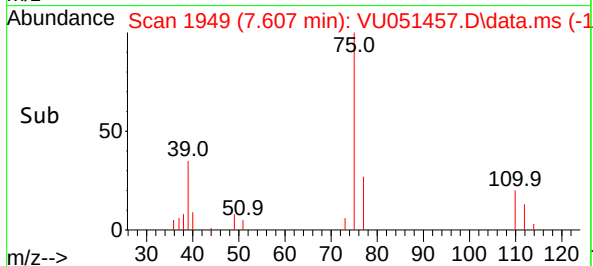
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



Tgt Ion: 75 Resp: 566
 Ion Ratio Lower Upper
 75 100
 77 26.6 25.1 37.7
 39 35.2 31.4 47.0

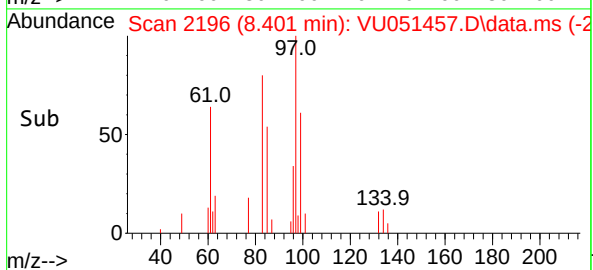
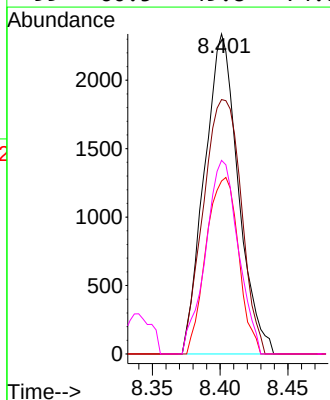
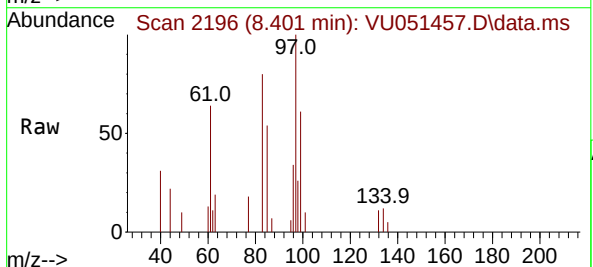
Manual Integrations
 APPROVED

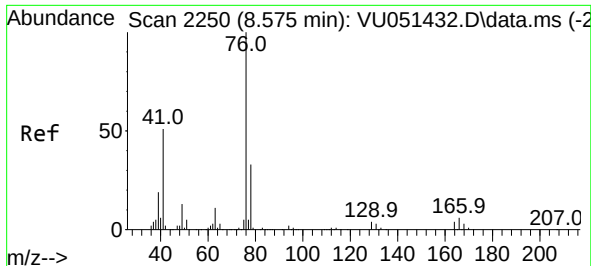
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.325 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

Tgt Ion: 97 Resp: 4063
 Ion Ratio Lower Upper
 97 100
 83 79.5 70.6 105.8
 85 54.1 47.0 70.4
 99 60.5 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.290 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

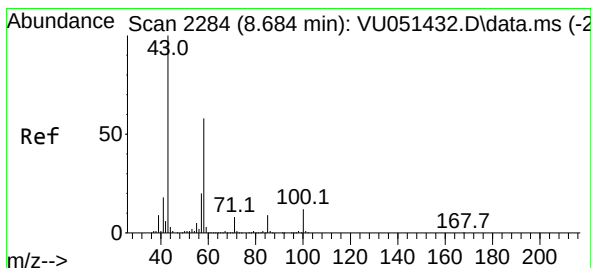
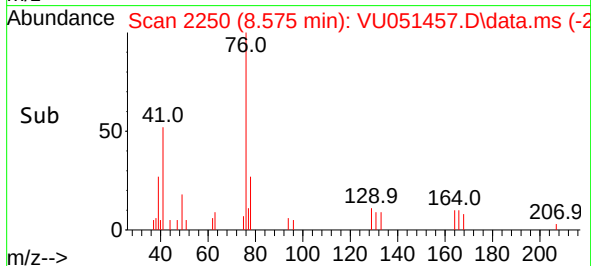
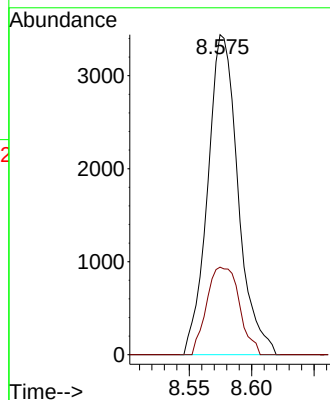
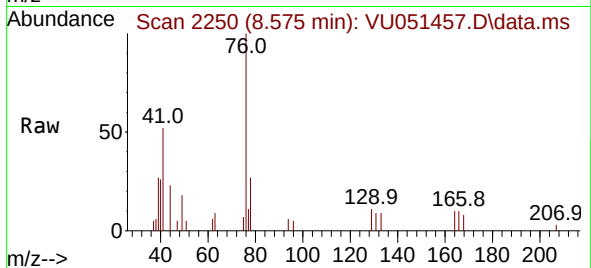
Tgt Ion: 76	Resp: 5840
Ion Ratio	Lower Upper
76 100	
78 29.3	26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#54

2-Hexanone

Concen: 1.213 ug/l

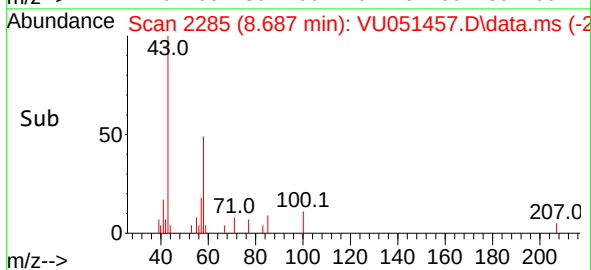
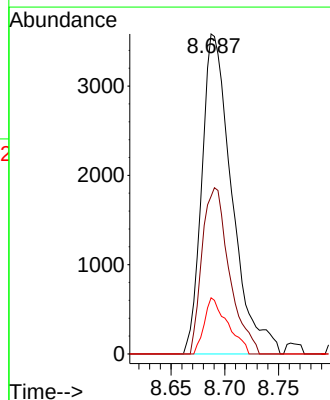
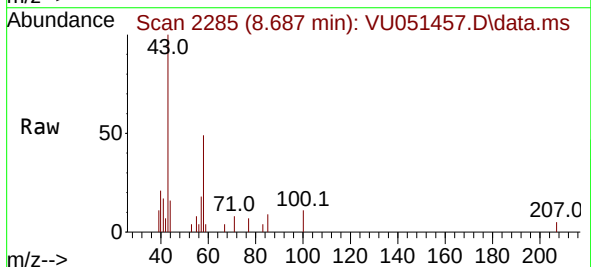
RT: 8.687 min Scan# 2285

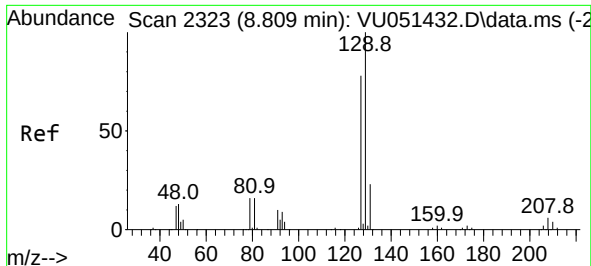
Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

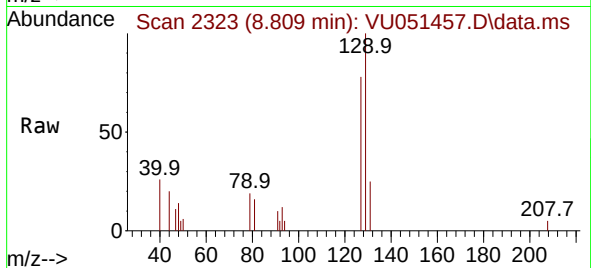
Tgt Ion: 43	Resp: 6949
Ion Ratio	Lower Upper
43 100	
58 47.1	38.0 78.0
57 13.7	0.0 39.9





#55
Dibromochloromethane
Concen: 0.308 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

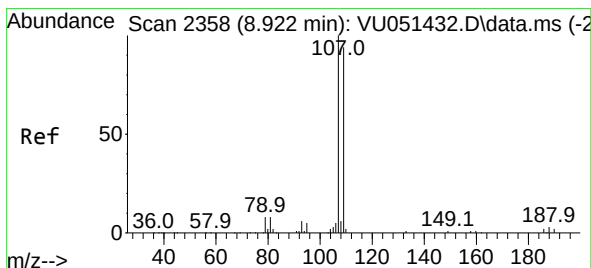
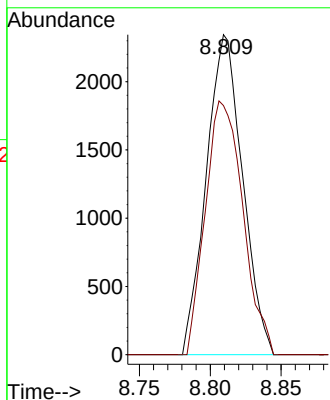
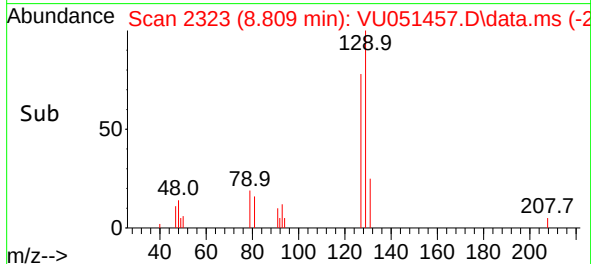
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



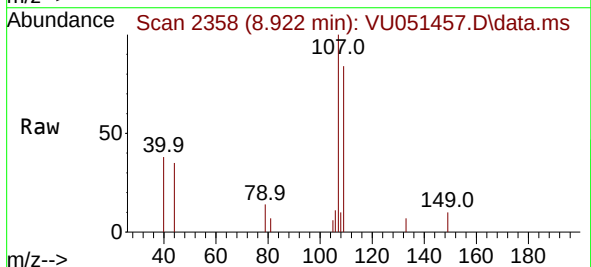
Tgt Ion:129 Resp: 418
Ion Ratio Lower Upper
129 100
127 82.0 62.1 93.1

Manual Integrations
APPROVED

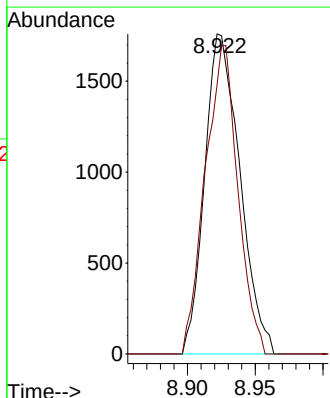
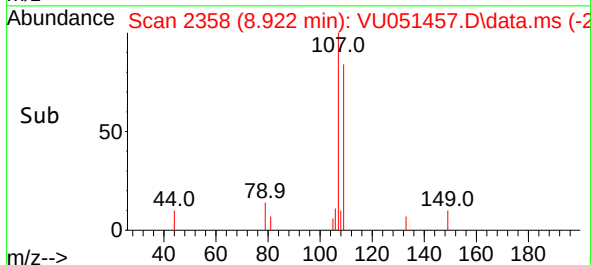
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

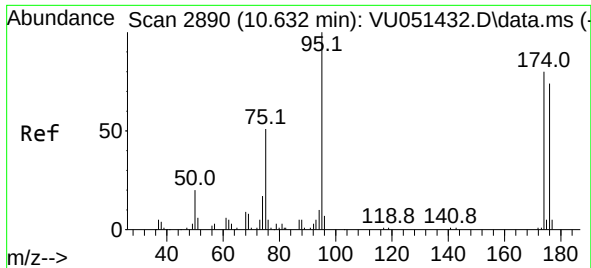


#56
1,2-Dibromoethane
Concen: 0.290 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



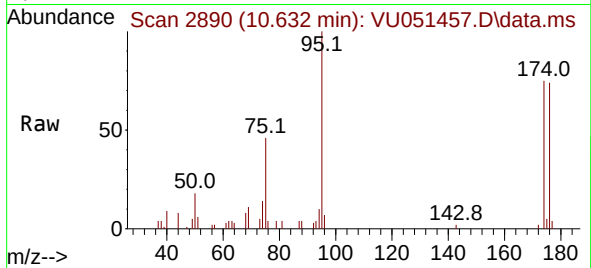
Tgt Ion:107 Resp: 3183
Ion Ratio Lower Upper
107 100
109 89.4 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 0.776 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

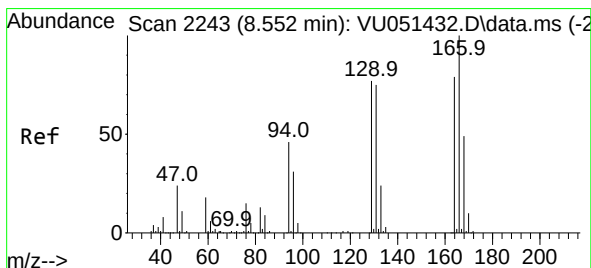
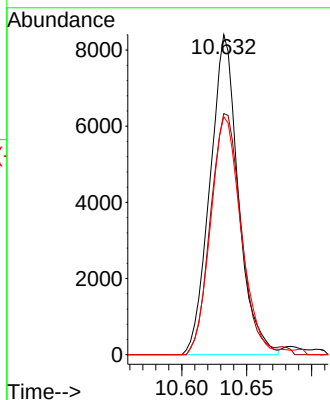
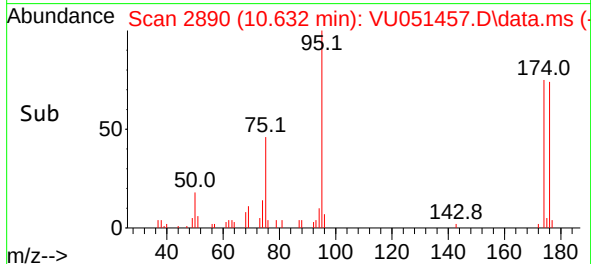
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



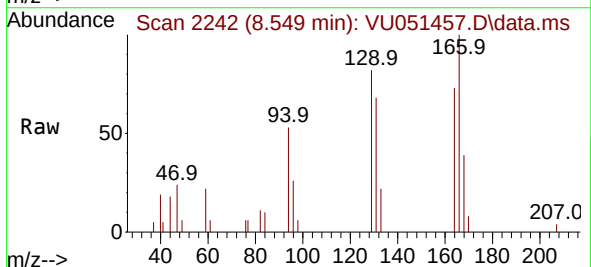
Tgt Ion: 95 Resp: 1272
Ion Ratio Lower Upper
95 100
174 82.4 63.0 94.6
176 80.6 59.8 89.6

Manual Integrations
APPROVED

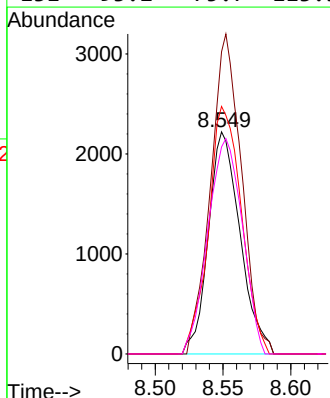
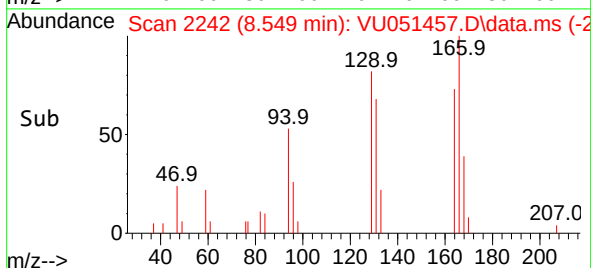
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

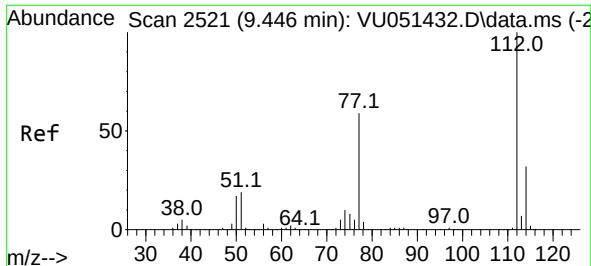


#58
Tetrachloroethene
Concen: 0.287 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



Tgt Ion:164 Resp: 3608
Ion Ratio Lower Upper
164 100
166 136.1 100.9 151.3
129 111.4 77.5 116.3
131 93.2 75.7 113.5





#59

Chlorobenzene

Concen: 0.261 ug/l

RT: 9.449 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:112 Resp: 965

Ion Ratio Lower Upper

112 100

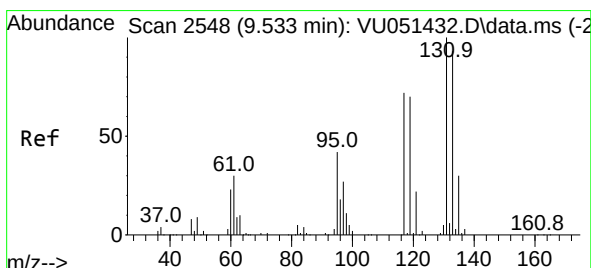
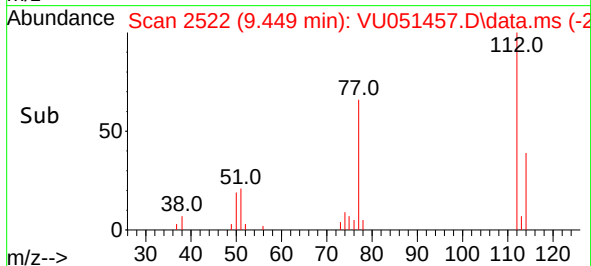
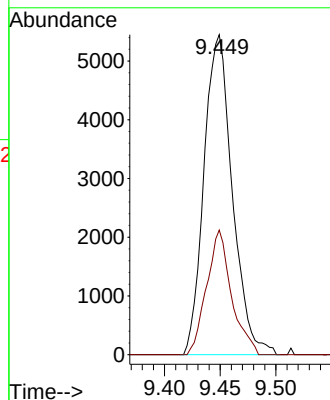
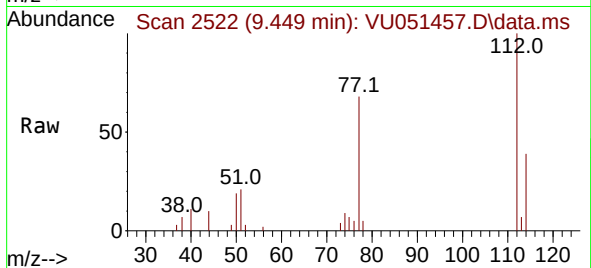
114 39.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.345 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.003 min

Lab File: VU051457.D

Acq: 19 Oct 2022 14:49

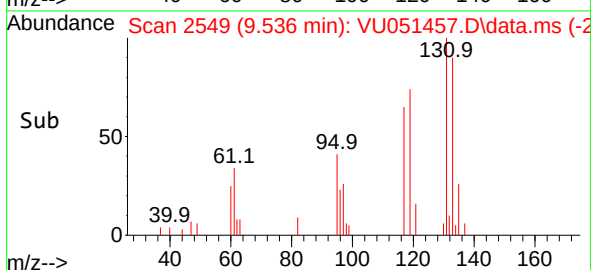
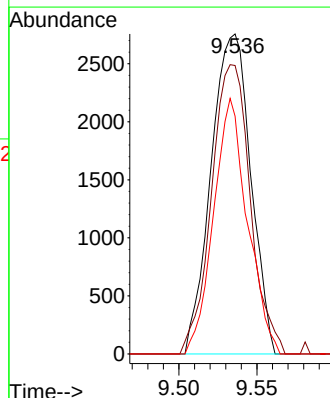
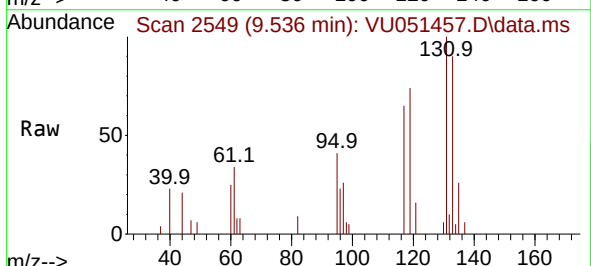
Tgt Ion:131 Resp: 4887

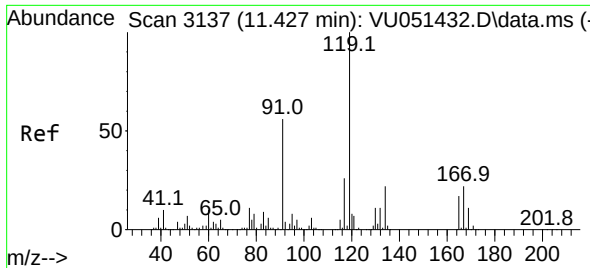
Ion Ratio Lower Upper

131 100

133 88.5 76.5 114.7

119 68.3 56.5 84.7





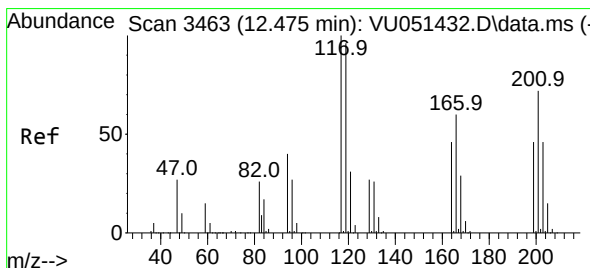
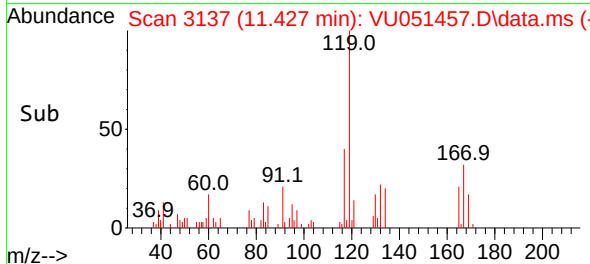
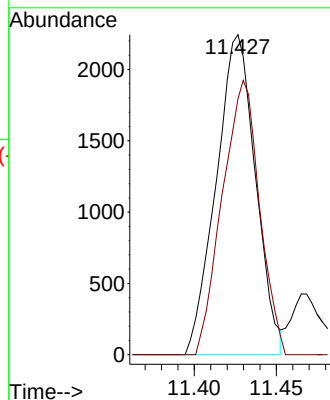
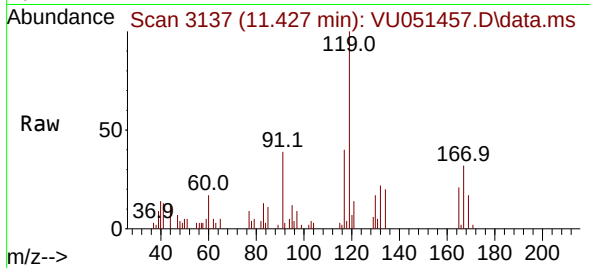
#61
Pentachloroethane
Concen: 0.296 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion:117 Resp: 3740
Ion Ratio Lower Upper
117 100
167 80.9 63.3 94.9

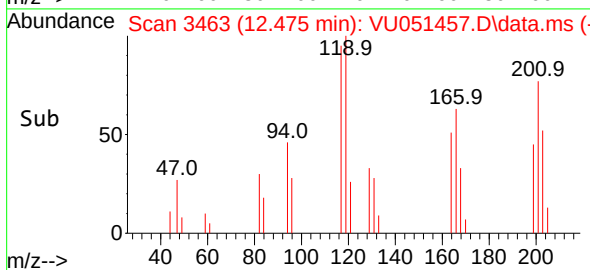
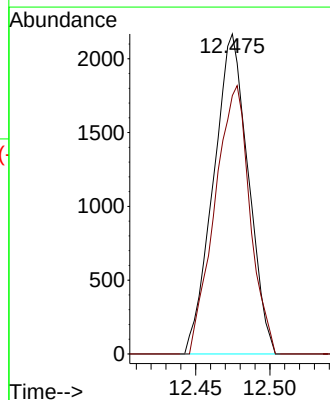
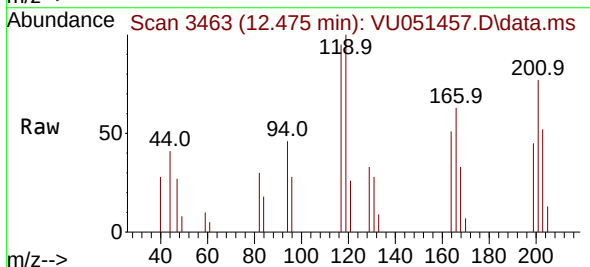
Manual Integrations
APPROVED

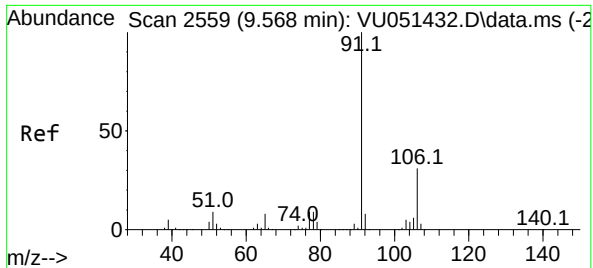
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#62
Hexachloroethane
Concen: 0.295 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:117 Resp: 3540
Ion Ratio Lower Upper
117 100
201 84.5 57.4 86.2





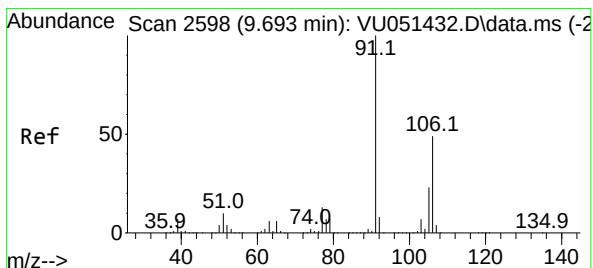
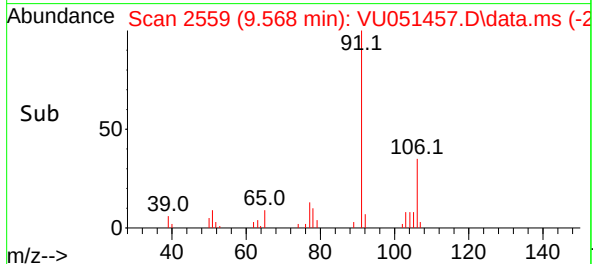
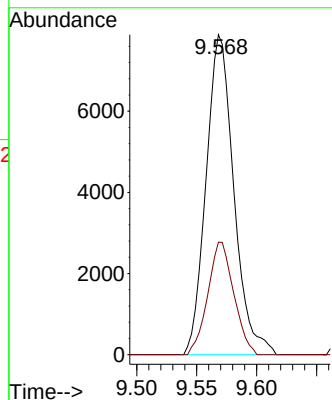
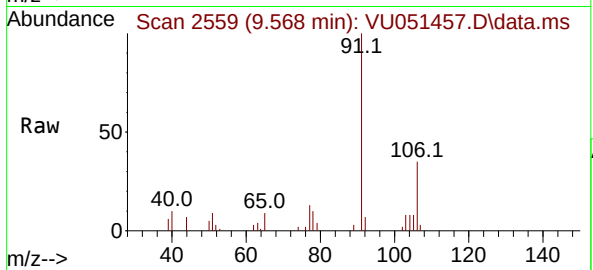
#63
Ethyl Benzene
Concen: 0.226 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion: 91 Resp: 1268
Ion Ratio Lower Upper
91 100
106 35.2 24.9 37.3

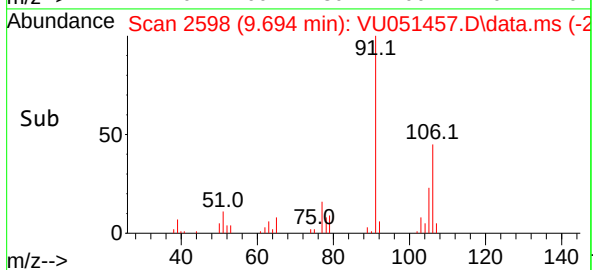
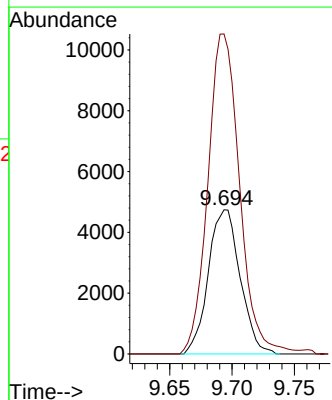
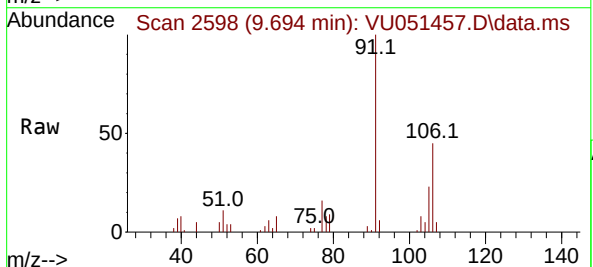
Manual Integrations
APPROVED

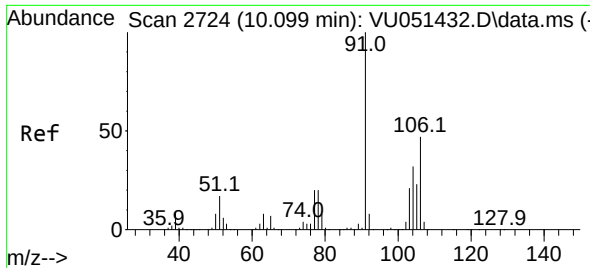
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#64
m/p-Xylenes
Concen: 0.377 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

Tgt Ion:106 Resp: 8434
Ion Ratio Lower Upper
106 100
91 221.2 163.2 244.8





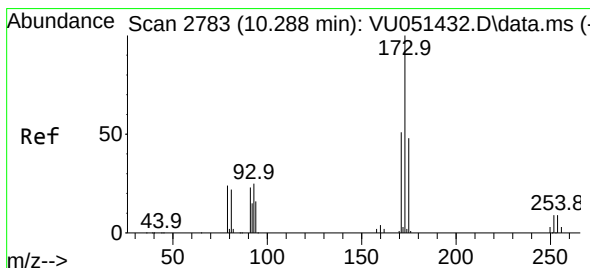
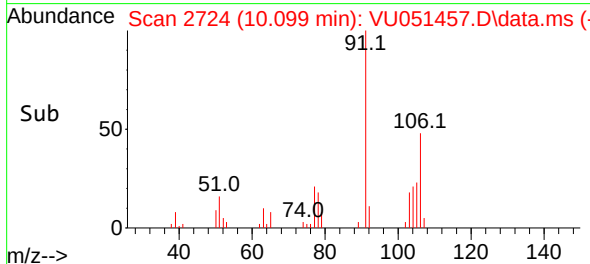
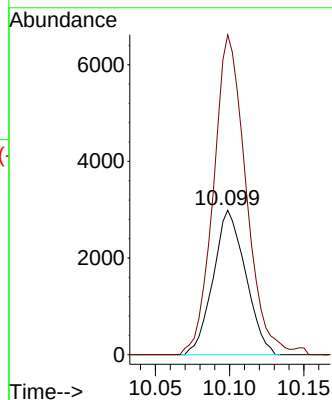
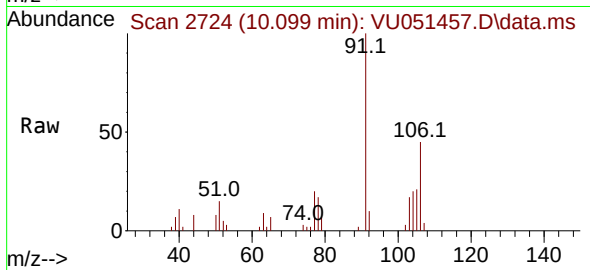
#65
o-Xylene
Concen: 0.209 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion:106 Resp: 4530
Ion Ratio Lower Upper
106 100
91 221.1 107.1 321.3

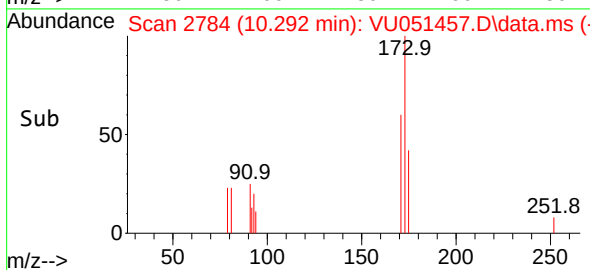
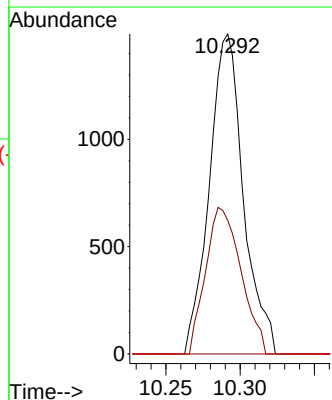
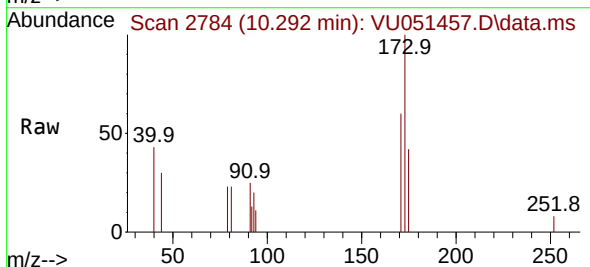
Manual Integrations
APPROVED

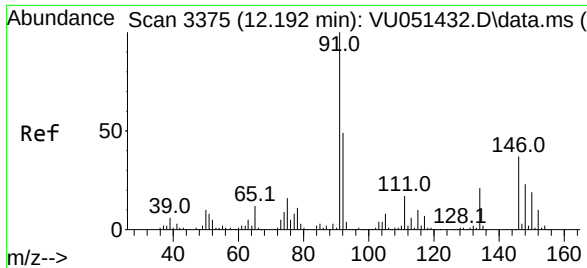
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#67
Bromoform
Concen: 0.312 ug/l
RT: 10.292 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

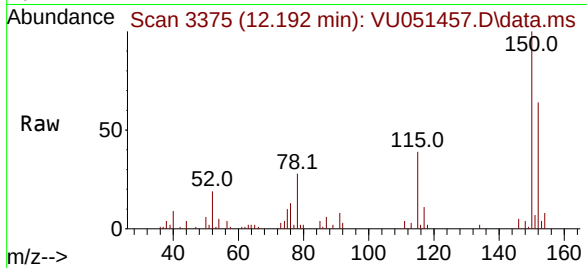
Tgt Ion:173 Resp: 2375
Ion Ratio Lower Upper
173 100
175 47.6 38.6 58.0
254 0.0 7.3 10.9#





#68
1,2-Dichlorobenzene-d4
Concen: 0.844 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

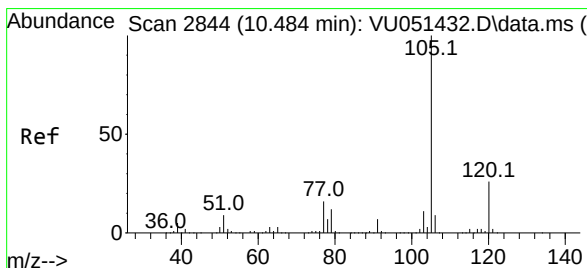
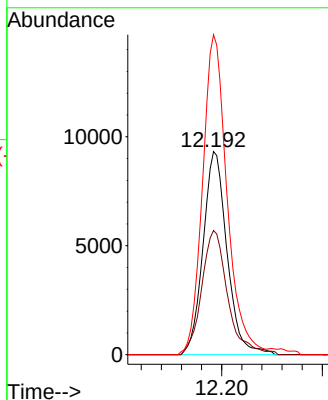
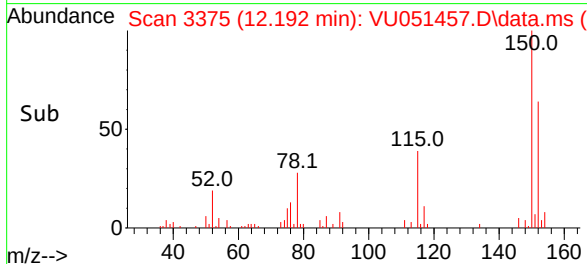
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



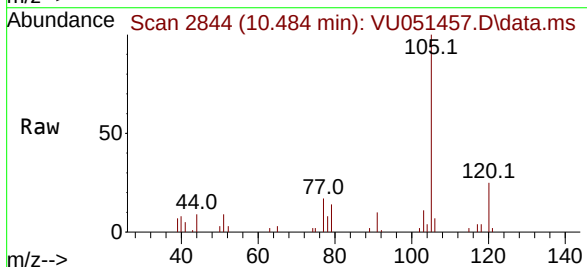
Tgt Ion:152 Resp: 15460
Ion Ratio Lower Upper
152 100
115 66.0 0.0 333.0
150 160.7 0.0 662.0

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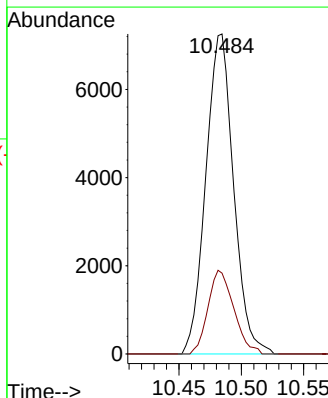
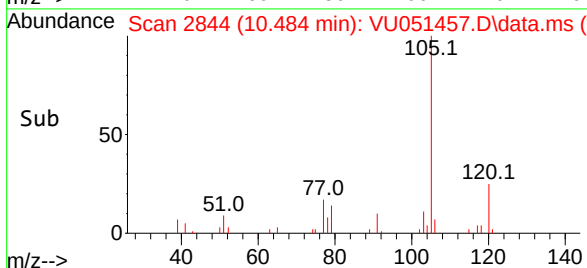
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

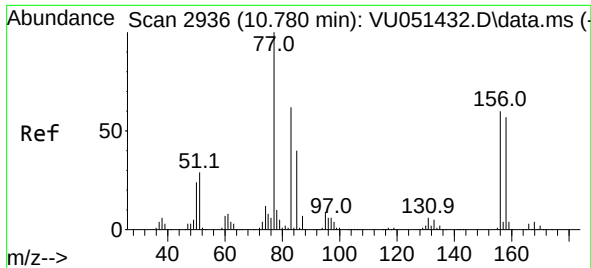


#69
Isopropylbenzene
Concen: 0.210 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



Tgt Ion:105 Resp: 11254
Ion Ratio Lower Upper
105 100
120 24.2 13.0 39.0





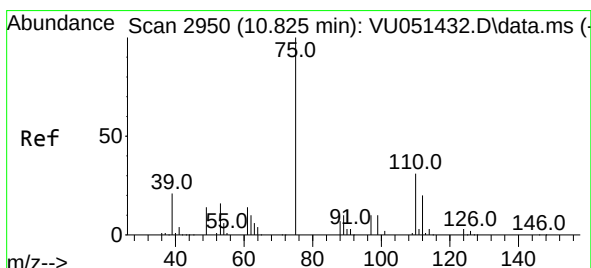
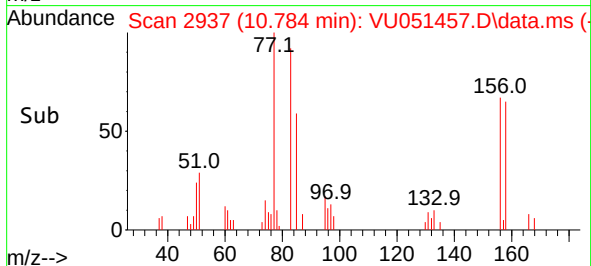
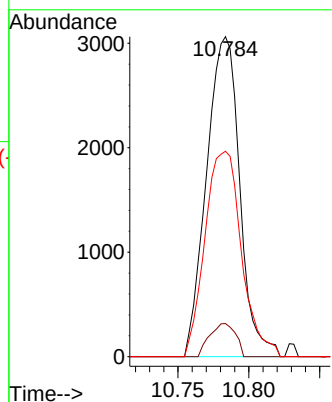
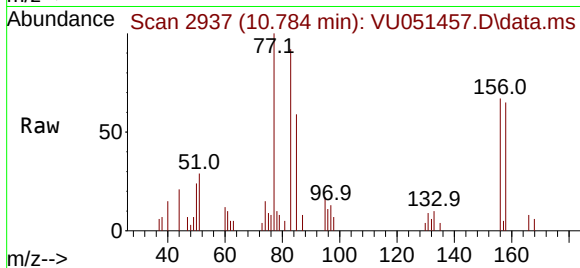
#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.295 ug/l
 RT: 10.784 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

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

Tgt Ion: 83 Resp: 499
 Ion Ratio Lower Upper
 83 100
 131 8.1 7.2 10.8
 85 70.4 51.4 77.2

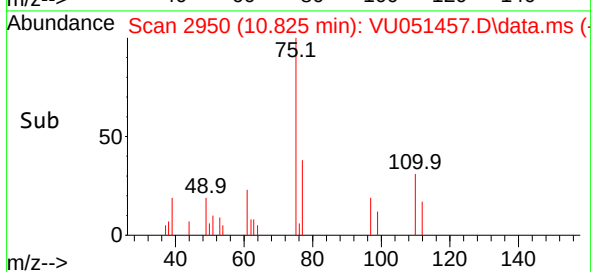
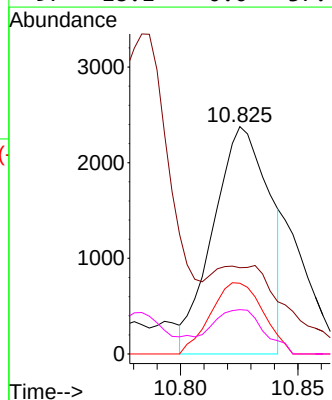
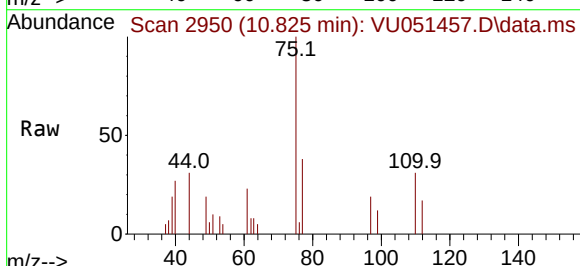
Manual Integrations
 APPROVED

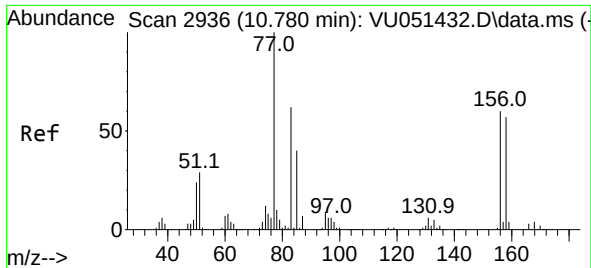
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#71
 1,2,3-Trichloropropane
 Concen: 0.313 ug/l m
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 22.3 0.0 111.0
 110 29.5 0.0 70.2
 97 18.1 0.0 37.4





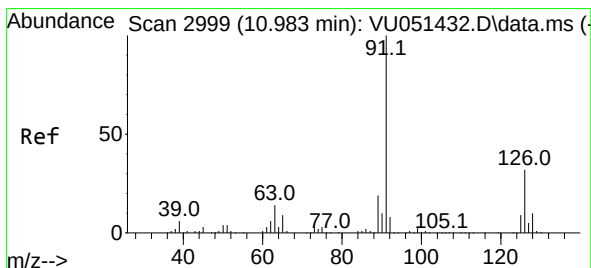
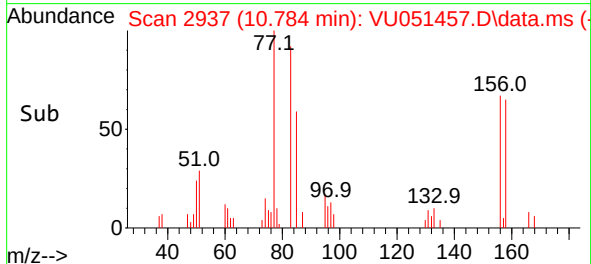
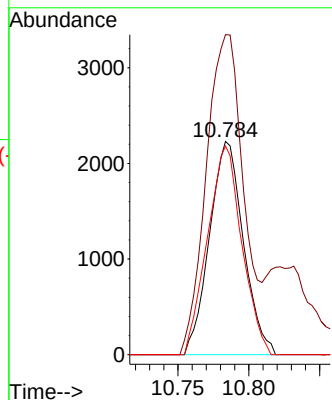
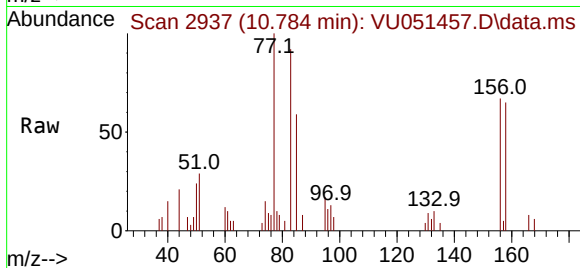
#72
Bromobenzene
Concen: 0.252 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

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

Tgt Ion:156 Resp: 3709
Ion Ratio Lower Upper
156 100
77 165.8 0.0 343.4
158 99.2 0.0 195.6

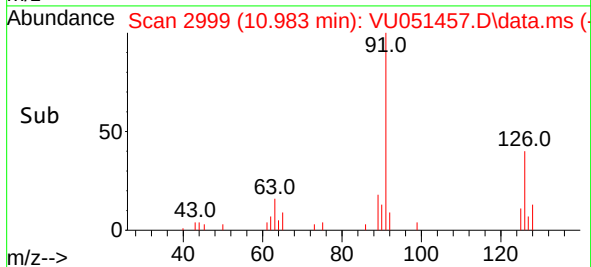
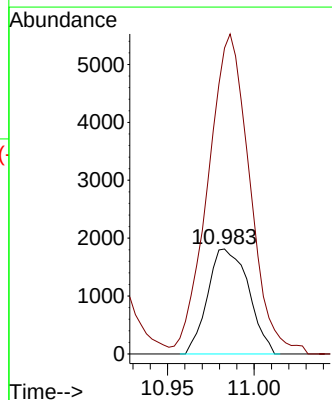
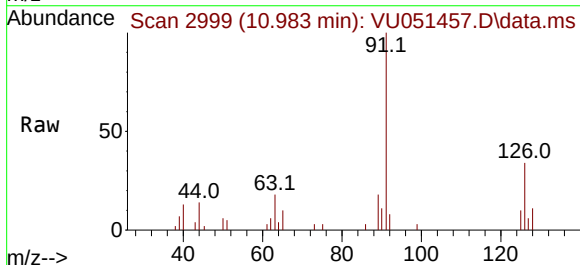
Manual Integrations
APPROVED

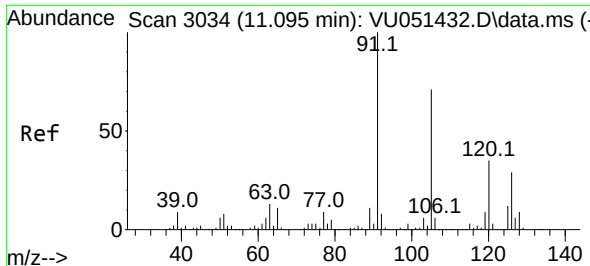
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#74
2-Chlorotoluene
Concen: 0.207 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

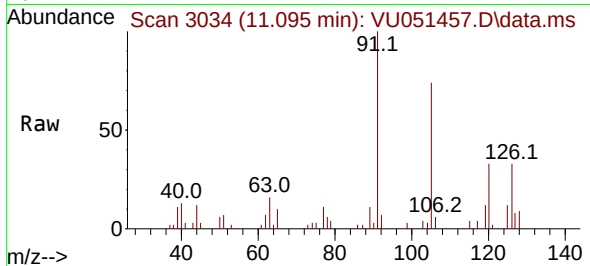
Tgt Ion:126 Resp: 2968
Ion Ratio Lower Upper
126 100
91 313.2 0.0 623.2





#76
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

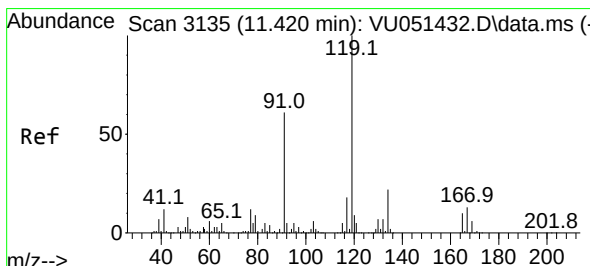
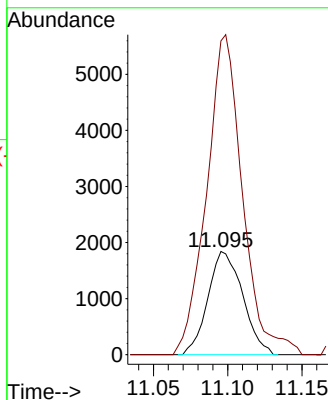
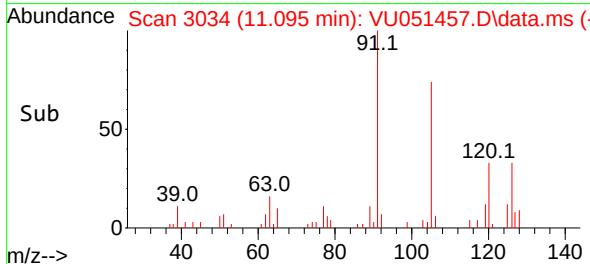
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



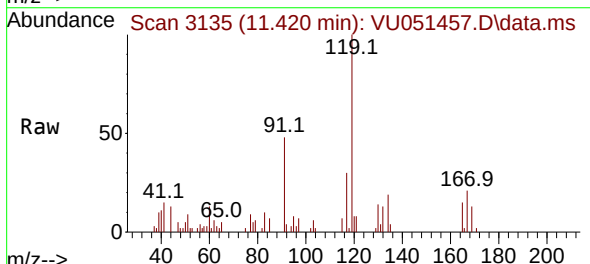
Tgt Ion:126 Resp: 2998
Ion Ratio Lower Upper
126 100
91 320.1 0.0 717.6

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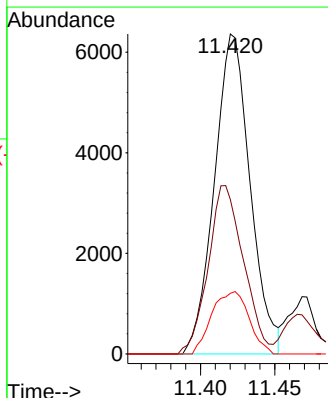
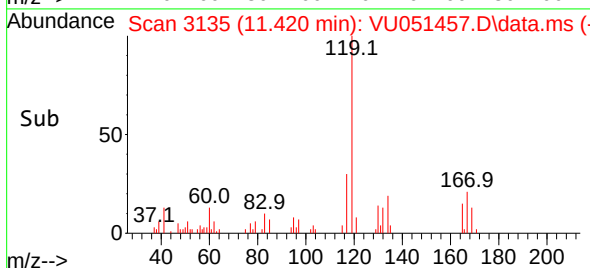
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

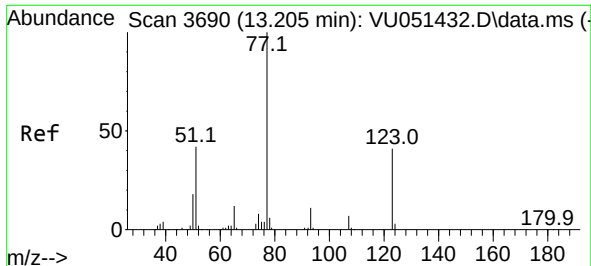


#77
tert-Butylbenzene
Concen: 0.225 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



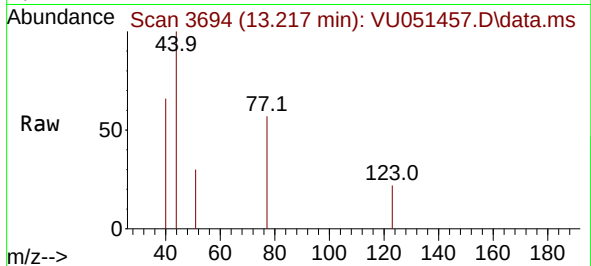
Tgt Ion:119 Resp: 10660
Ion Ratio Lower Upper
119 100
91 52.1 29.8 89.5
134 20.3 17.9 26.9





#80
Nitrobenzene
Concen: 1.123 ug/l
RT: 13.217 min Scan# 3694
Delta R.T. 0.013 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

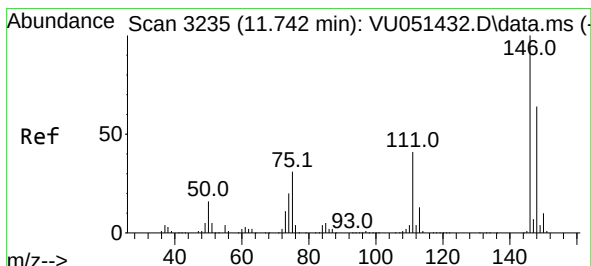
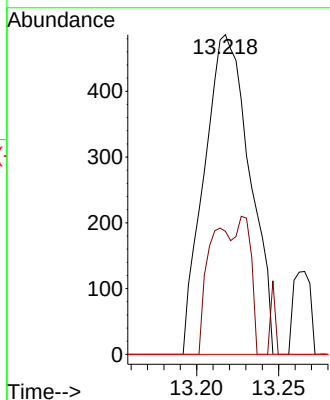
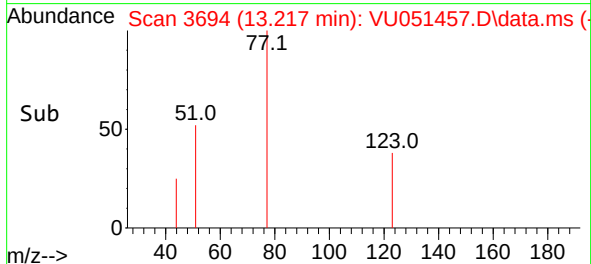
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



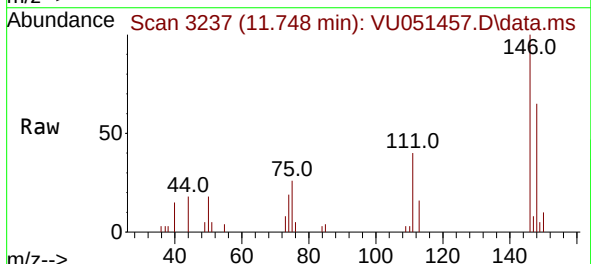
Tgt Ion: 77 Resp: 939
Ion Ratio Lower Upper
77 100
123 21.1 17.5 62.1
65 0.0 11.1 14.1

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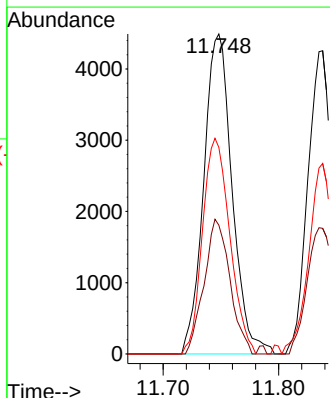
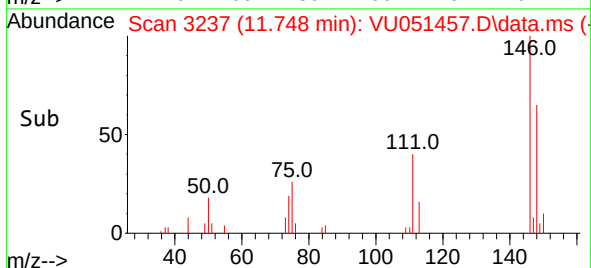
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

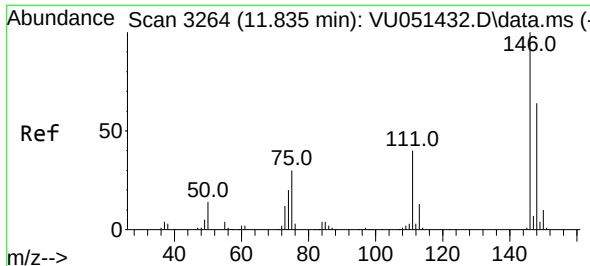


#82
1,3-Dichlorobenzene
Concen: 0.242 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.007 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



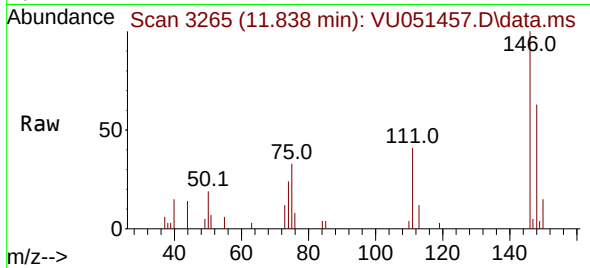
Tgt Ion:146 Resp: 7663
Ion Ratio Lower Upper
146 100
111 38.3 33.4 50.0
148 64.9 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.223 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

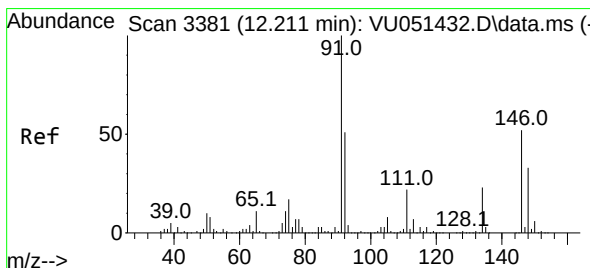
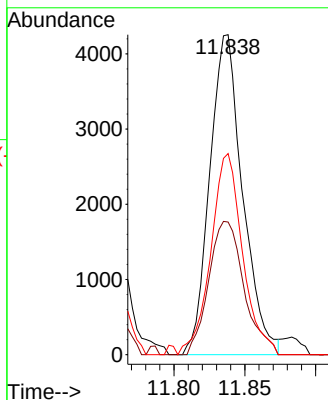
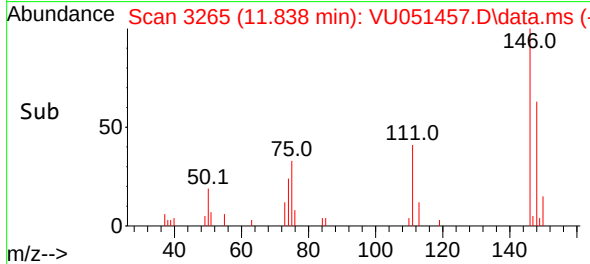
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



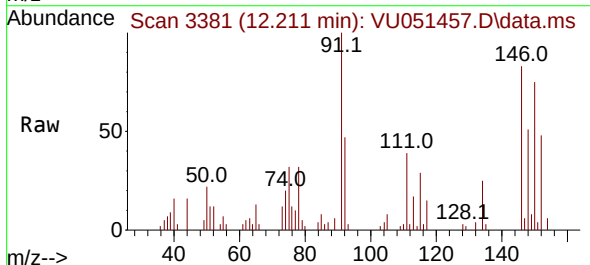
Tgt Ion:146 Resp: 688
Ion Ratio Lower Upper
146 100
111 44.7 31.6 47.4
148 60.6 50.5 75.7

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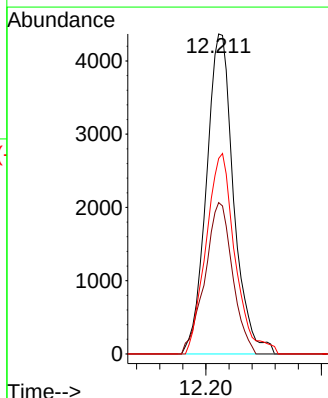
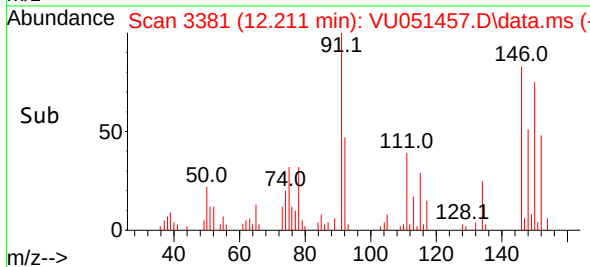
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

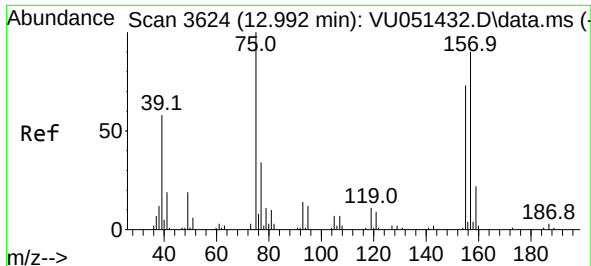


#85
1,2-Dichlorobenzene
Concen: 0.230 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



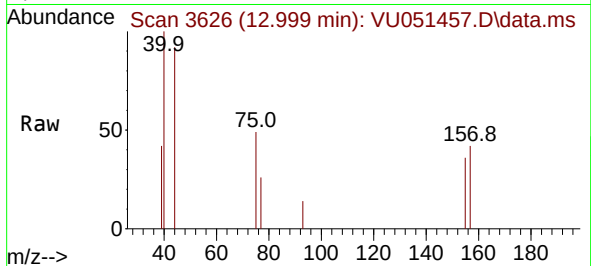
Tgt Ion:146 Resp: 7159
Ion Ratio Lower Upper
146 100
111 47.8 21.3 63.9
148 66.7 31.8 95.4





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.239 ug/l
RT: 12.999 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49

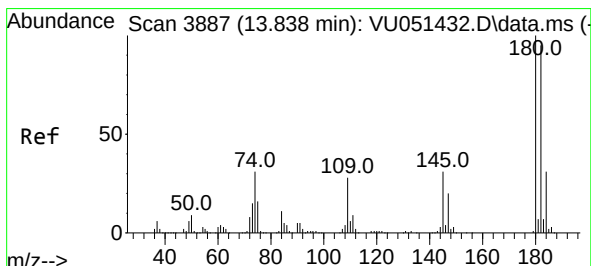
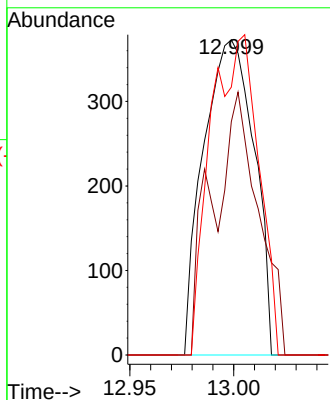
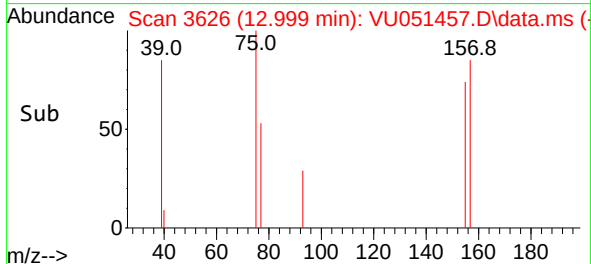
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



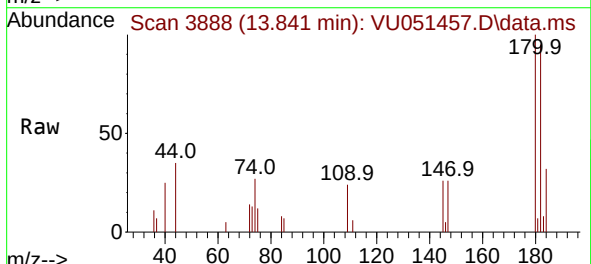
Tgt Ion: 75 Resp: 632
Ion Ratio Lower Upper
75 100
155 53.6 58.5 87.7
157 96.0 75.3 112.9

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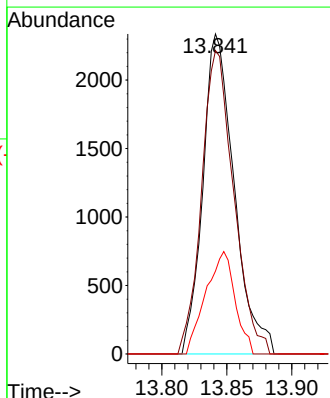
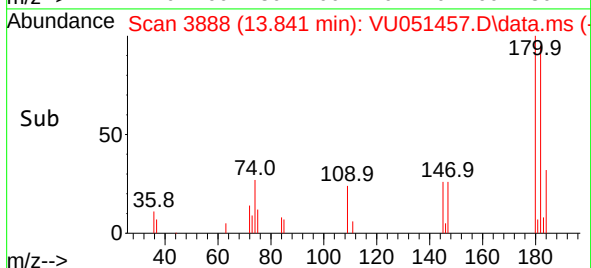
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

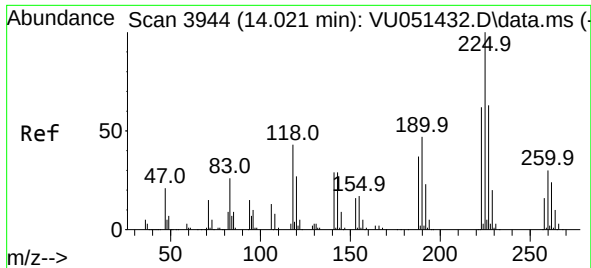


#87
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051457.D
Acq: 19 Oct 2022 14:49



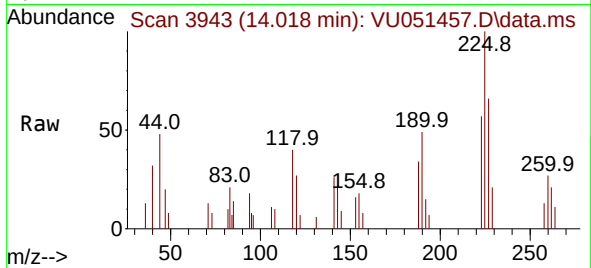
Tgt Ion:180 Resp: 3924
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 29.8 24.9 37.3





#88
 Hexachlorobutadiene
 Concen: 0.273 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.003 min
 Lab File: VU051457.D
 Acq: 19 Oct 2022 14:49

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



Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	50.1	75.1
227	67.3	51.4	77.2

Manual Integrations
 APPROVED

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

