

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053791.D
 Acq On : 19 Apr 2023 20:14
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 21 10:05:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Fluorobenzene	6.108	96	28787	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9705	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11058	0.824	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	1756	0.201	ug/l	97
3) Chloromethane	1.523	50	2303	0.293	ug/l	95
4) Vinyl Chloride	1.601	62	1964	0.216	ug/l	98
5) Bromomethane	1.848	94	1807	0.264	ug/l	97
6) Chloroethane	1.928	64	1237	0.213	ug/l	# 81
7) Trichlorofluoromethane	2.137	101	3134	0.205	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	2738	0.276	ug/l	# 92
9) 1,1-Dichloroethene	2.578	96	1813	0.223	ug/l	80
10) Iodomethane	2.723	142	1930	0.218	ug/l	94
11) Allyl Chloride	2.912	41	2201	0.228	ug/l	86
12) Acrylonitrile	3.311	53	886	0.436	ug/l	# 85
13) Acetone	2.617	43	2242	0.789	ug/l	# 75
14) Carbon Disulfide	2.787	76	2666	0.200	ug/l	# 82
15) Methylene Chloride	3.041	84	5160	0.433	ug/l	86
16) trans-1,2-Dichloroethene	3.350	96	1899	0.216	ug/l	# 77
17) 1,1-Dichloroethane	3.864	63	4170	0.230	ug/l	# 83
18) 2-Butanone	4.710	43	3190	0.866	ug/l	87
19) Cyclohexane	5.369	56	2679m	0.213	ug/l	
20) Methylcyclohexane	6.755	83	1993	0.177	ug/l	92
21) 2,2-Dichloropropane	4.658	77	4053	0.246	ug/l	94
22) cis-1,2-Dichloroethene	4.661	96	2522	0.229	ug/l	93
23) Diethyl Ether	2.372	59	1280	0.213	ug/l	# 78
24) tert-Butyl Alcohol	3.179	59	2328	2.851	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	5364	0.236	ug/l	# 87
26) Bromochloromethane	4.964	128	1030	0.212	ug/l	86
27) Chloroform	5.083	83	4567	0.233	ug/l	83
28) 1,1,1-Trichloroethane	5.305	97	3603	0.222	ug/l	98
29) 1,1-Dichloropropene	5.517	75	2027	0.196	ug/l	97
30) Carbon Tetrachloride	5.514	117	2359	0.203	ug/l	93
31) Isopropyl Ether	3.993	45	7696	0.293	ug/l	87
32) Ethyl-t-butyl ether	4.507	59	5964	0.225	ug/l	90
33) Tert-Amyl methyl ether	5.951	73	4267	0.220	ug/l	# 81
34) Propionitrile	4.777	54	917	1.114	ug/l	# 17
35) Benzene	5.768	78	6603	0.207	ug/l	95
36) 1,2-Dichloroethane	5.796	62	1865	0.187	ug/l	99
37) Trichloroethene	6.539	130	1880	0.208	ug/l	89
38) 1,2-Dichloropropane	6.787	63	1879	0.207	ug/l	95
39) Methacrylonitrile	4.957	41	815m	0.248	ug/l	
40) Methyl acrylate	4.848	55	1435	0.264	ug/l	# 84
41) Tetrahydrofuran	5.067	42	971	0.596	ug/l	# 69
42) 1-Chlorobutane	5.449	56	3079	0.218	ug/l	99
43) Dibromomethane	6.915	93	812	0.177	ug/l	# 79
44) Bromodichloromethane	7.105	83	2298	0.198	ug/l	# 92

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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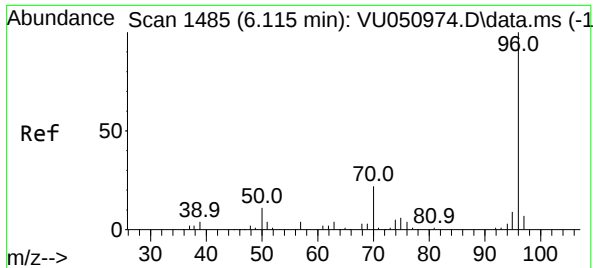
Quant Time: Apr 21 10:05:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	4042	0.865	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	800m	0.412	ug/l	
47) Methyl methacrylate	6.973	69	1499	0.371	ug/l #	64
48) Ethyl methacrylate	8.337	69	1313	0.166	ug/l #	53
49) Toluene	7.967	92	3999	0.199	ug/l	90
50) t-1,3-Dichloropropene	8.211	75	1829	0.176	ug/l	92
51) cis-1,3-Dichloropropene	7.607	75	2392	0.192	ug/l	90
52) 1,1,2-Trichloroethane	8.404	97	1473	0.202	ug/l #	89
53) 1,3-Dichloropropane	8.574	76	2365	0.207	ug/l	96
54) 2-Hexanone	8.690	43	2796	0.638	ug/l	97
55) Dibromochloromethane	8.806	129	1627	0.212	ug/l #	79
56) 1,2-Dibromoethane	8.922	107	1128	0.179	ug/l	90
58) Tetrachloroethene	8.555	164	1587	0.182	ug/l #	81
59) Chlorobenzene	9.446	112	4655	0.187	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	1495	0.166	ug/l	92
61) Pentachloroethane	11.426	117	1187	0.171	ug/l	87
62) Hexachloroethane	12.478	117	1152	0.170	ug/l	86
63) Ethyl Benzene	9.565	91	7261	0.184	ug/l	99
64) m/p-Xylenes	9.690	106	4803	0.309	ug/l	97
65) o-Xylene	10.095	106	2769	0.177	ug/l	88
66) Styrene	10.115	104	3774	0.152	ug/l	91
67) Bromoform	10.285	173	419	0.105	ug/l #	68
69) Isopropylbenzene	10.481	105	6340	0.155	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.780	83	1871	0.199	ug/l #	97
71) 1,2,3-Trichloropropane	10.819	75	1028m	0.152	ug/l	
72) Bromobenzene	10.780	156	1873	0.178	ug/l	94
73) n-propylbenzene	10.902	120	3417	0.301	ug/l	83
74) 2-Chlorotoluene	10.986	126	1829	0.170	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	5053	0.142	ug/l #	84
76) 4-Chlorotoluene	11.095	126	1838	0.168	ug/l	86
77) tert-Butylbenzene	11.417	119	6012	0.167	ug/l	94
78) 1,2,4-Trimethylbenzene	11.465	105	5483	0.151	ug/l	100
79) sec-Butylbenzene	11.642	105	7480	0.155	ug/l	99
80) Nitrobenzene	13.214	77	20	0.067	ug/l #	40
81) p-Isopropyltoluene	11.790	119	5517	0.140	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	3930	0.175	ug/l	96
83) 1,4-Dichlorobenzene	11.835	146	3981	0.178	ug/l	93
84) n-Butylbenzene	12.205	91	5520	0.387	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	3456	0.158	ug/l	88
86) 1,2-Dibromo-3-Chloropr...	12.999	75	245	0.185	ug/l #	41
87) 1,2,4-Trichlorobenzene	13.844	180	2499	0.172	ug/l	92
88) Hexachlorobutadiene	14.018	225	1068	0.138	ug/l	94
89) Naphthalene	14.089	128	4237	0.167	ug/l #	89
90) 1,2,3-Trichlorobenzene	14.330	180	2105	0.153	ug/l #	90

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



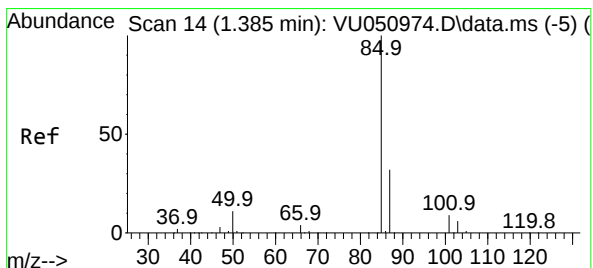
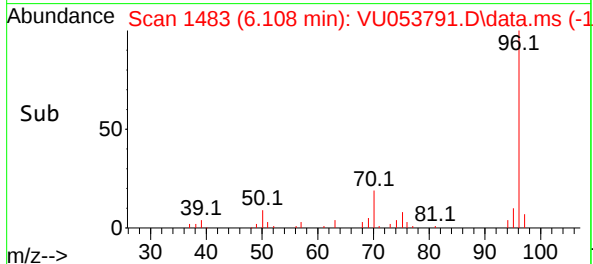
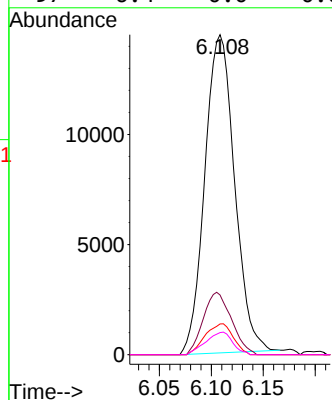
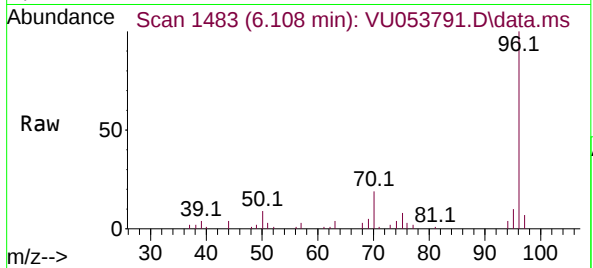
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 96	Resp: 2878
Ion Ratio	Lower Upper
96 100	
70 18.5	16.5 24.7
95 9.1	7.4 11.0
97 6.4	0.0 0.0

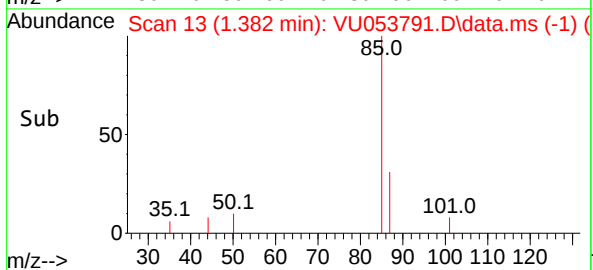
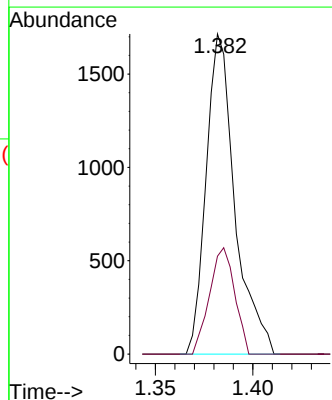
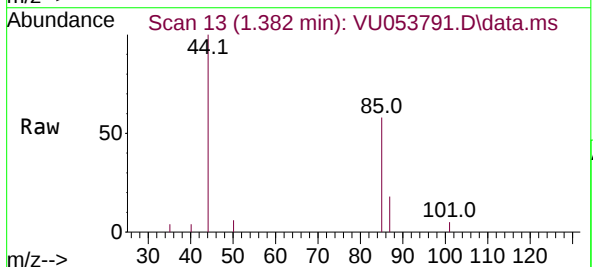
Manual Integrations
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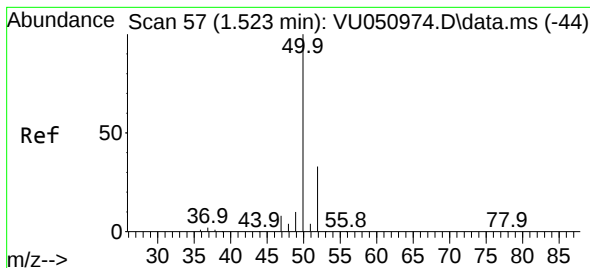
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#2
Dichlorodifluoromethane
Concen: 0.201 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

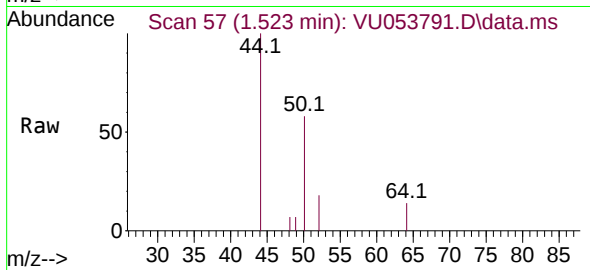
Tgt Ion: 85	Resp: 1756
Ion Ratio	Lower Upper
85 100	
87 30.6	16.2 48.6





#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

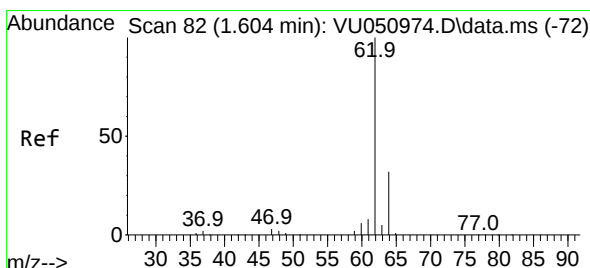
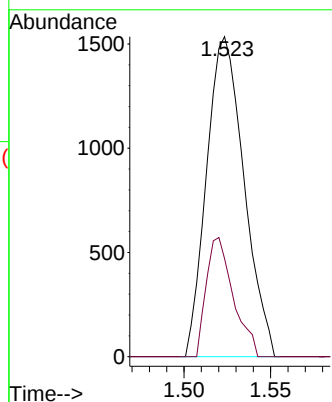
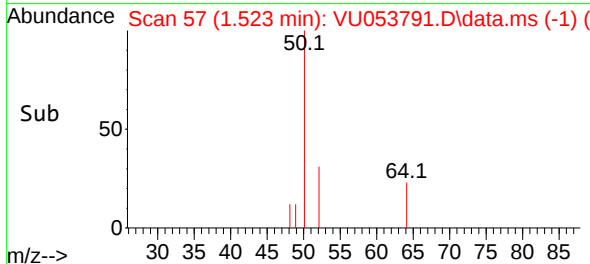
Instrument :
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LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 30.7 26.6 40.0

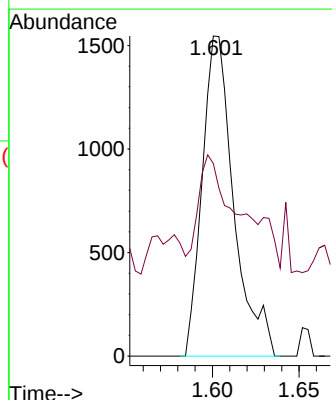
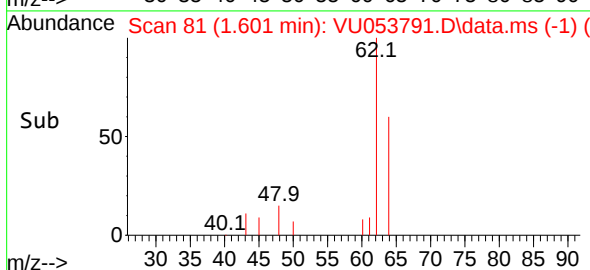
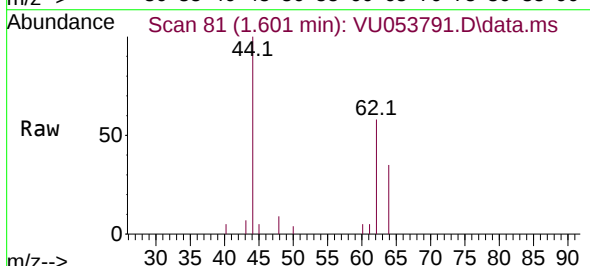
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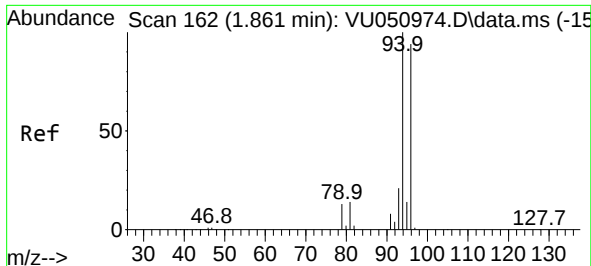
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#4
Vinyl Chloride
Concen: 0.216 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

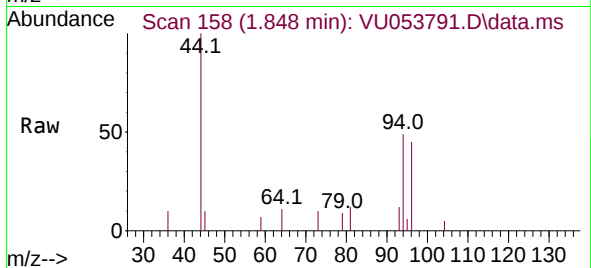
Tgt Ion: 62 Resp: 1964
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

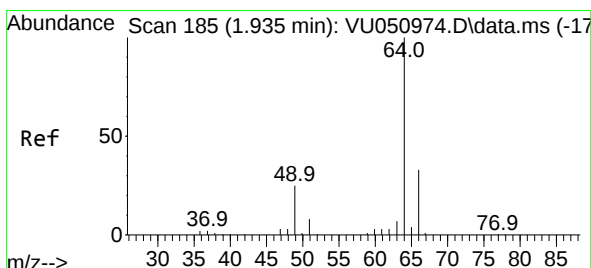
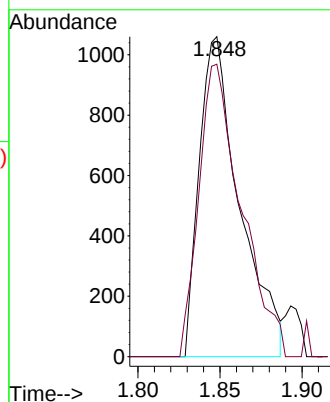
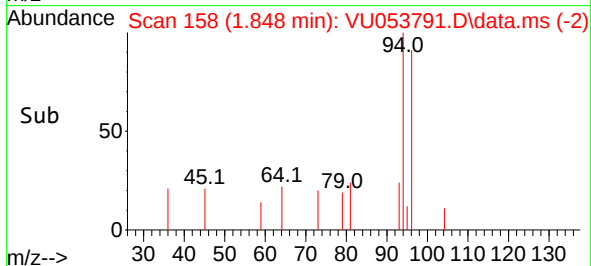
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



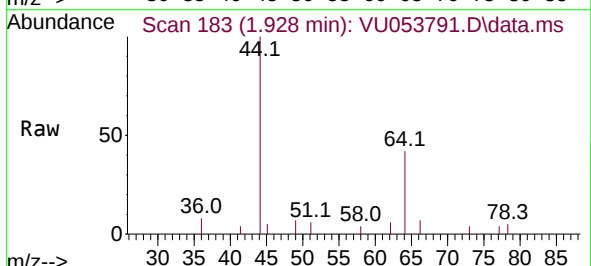
Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 91.4 75.4 113.2

Manual Integrations
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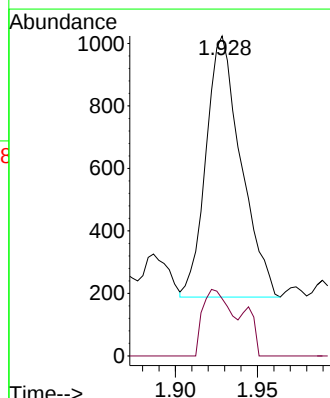
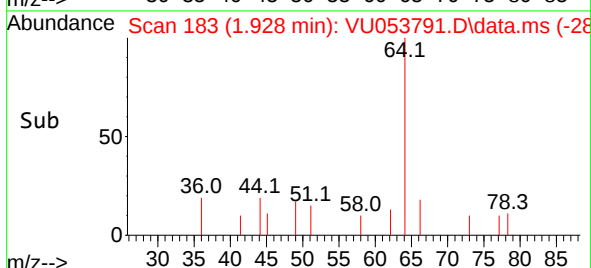
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Supervised By :Mahesh Dadoda 06/08/2023

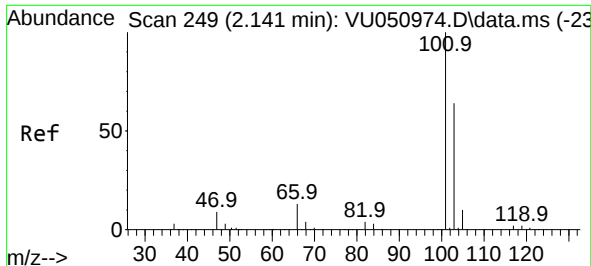


#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



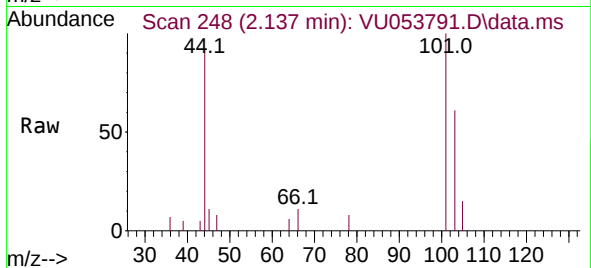
Tgt Ion: 64 Resp: 1237
Ion Ratio Lower Upper
64 100
66 21.9 26.0 39.0#





#7
Trichlorofluoromethane
Concen: 0.205 ug/l
RT: 2.137 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

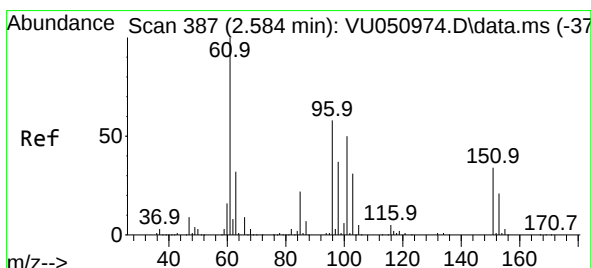
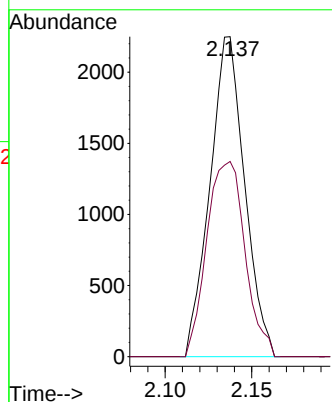
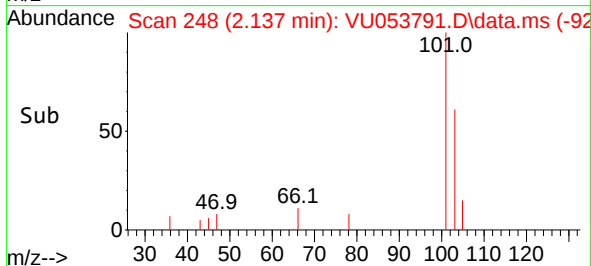
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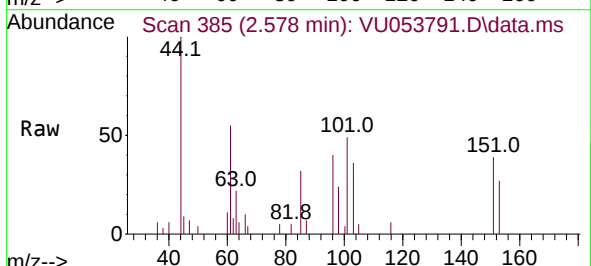
Tgt Ion:101 Resp: 3134
Ion Ratio Lower Upper
101 100
103 61.0 51.4 77.0

Manual Integrations
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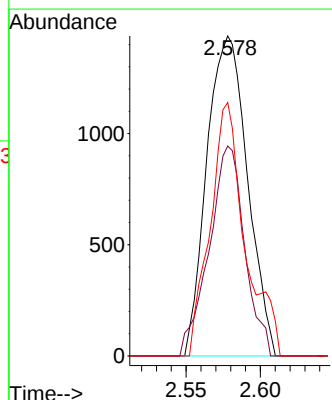
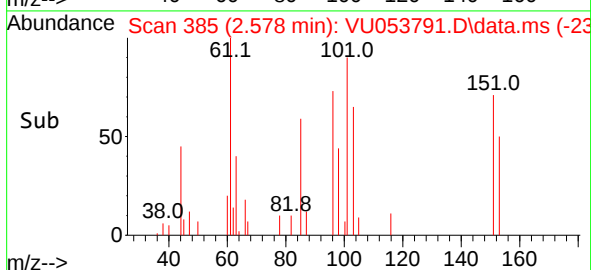
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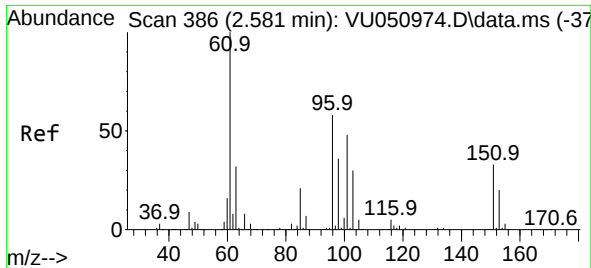


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.276 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



Tgt Ion:101 Resp: 2738
Ion Ratio Lower Upper
101 100
85 57.3 35.4 53.0#
151 67.9 54.0 81.0





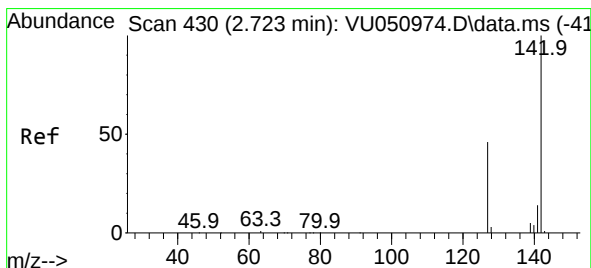
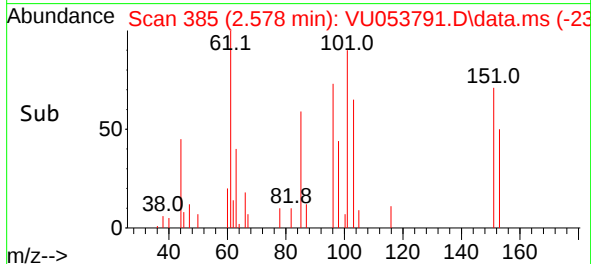
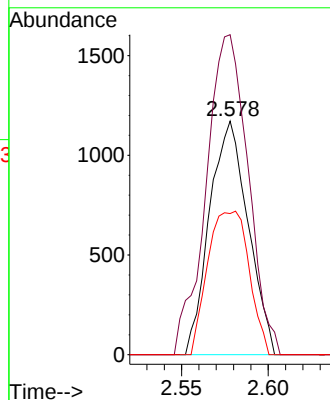
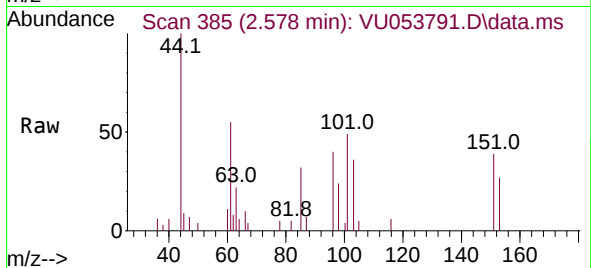
#9
1,1-Dichloroethene
Concen: 0.223 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 96 Resp: 181
Ion Ratio Lower Upper
96 100
61 136.9 0.0 521.4
98 60.4 0.0 125.8

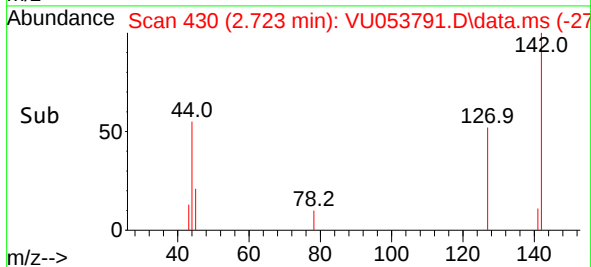
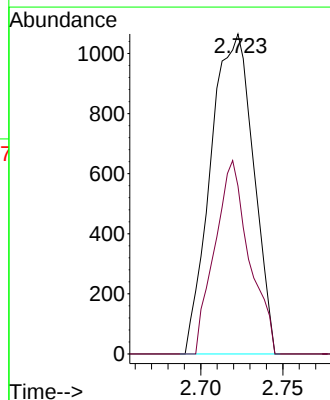
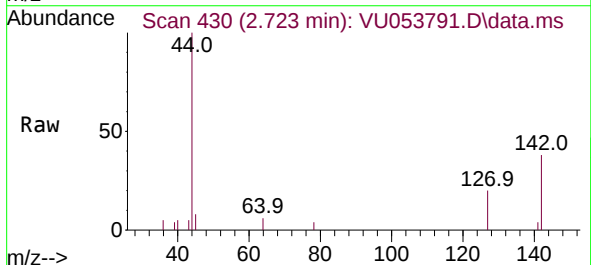
Manual Integrations
APPROVED

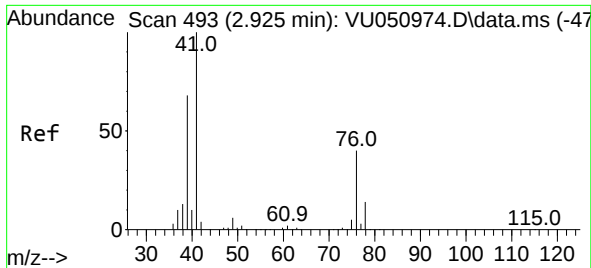
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#10
Iodomethane
Concen: 0.218 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

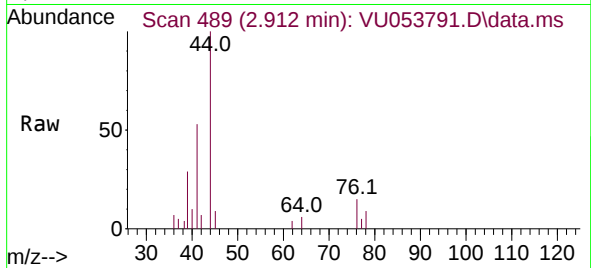
Tgt Ion:142 Resp: 1930
Ion Ratio Lower Upper
142 100
127 48.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.228 ug/l
 RT: 2.912 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

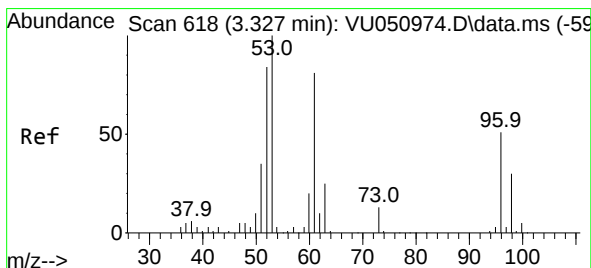
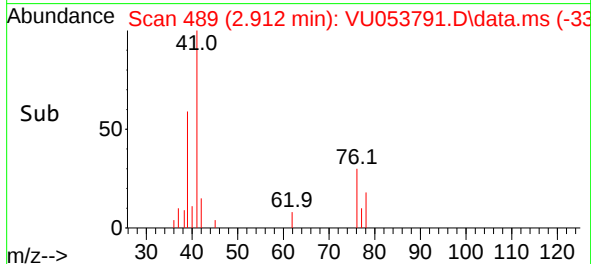
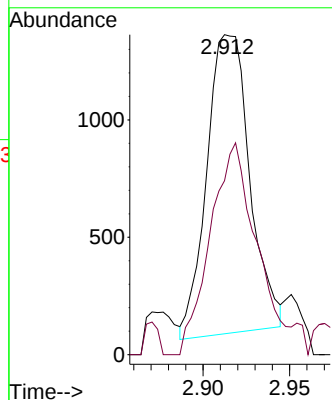
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 41 Resp: 220
 Ion Ratio Lower Upper
 41 100
 39 78.6 54.2 81.2

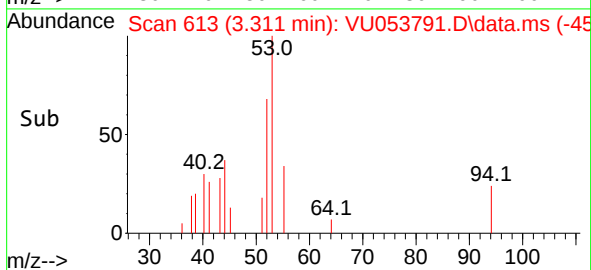
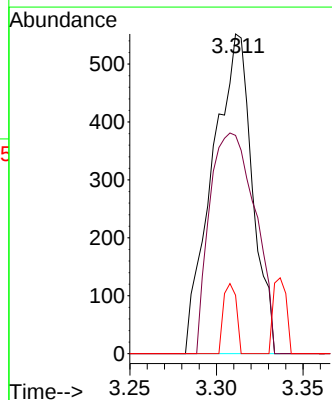
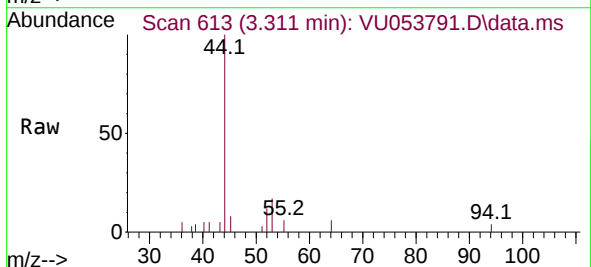
Manual Integrations
 APPROVED

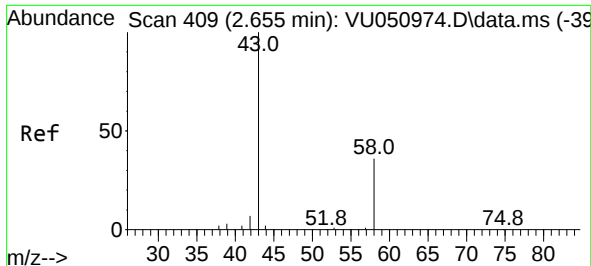
Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#12
 Acrylonitrile
 Concen: 0.436 ug/l
 RT: 3.311 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

Tgt Ion: 53 Resp: 886
 Ion Ratio Lower Upper
 53 100
 52 78.6 62.9 94.3
 51 7.1 27.8 41.6#





#13

Acetone

Concen: 0.789 ug/l

RT: 2.617 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 224

Ion Ratio Lower Upper

43 100

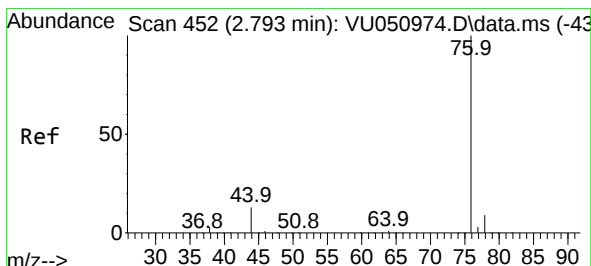
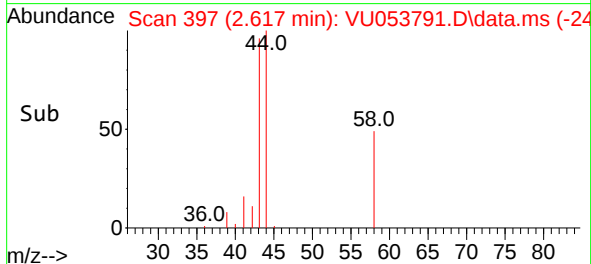
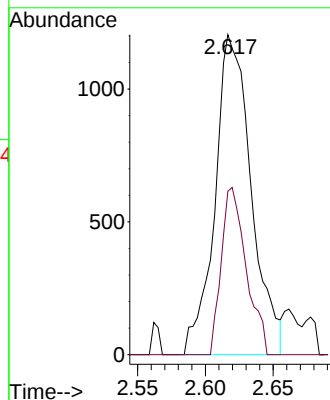
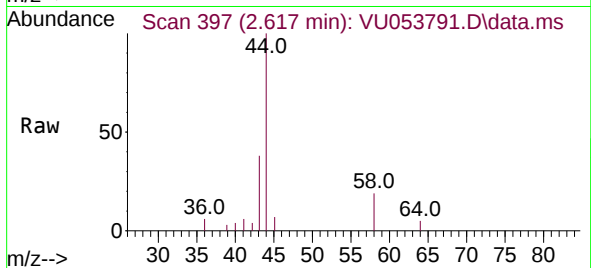
58 51.1 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#14

Carbon Disulfide

Concen: 0.200 ug/l

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU053791.D

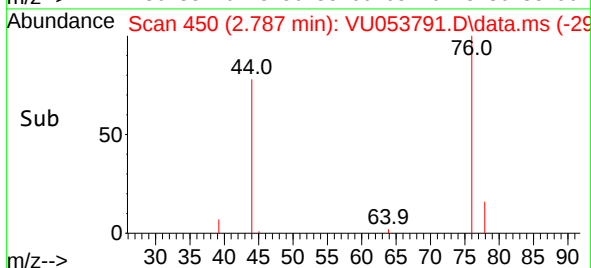
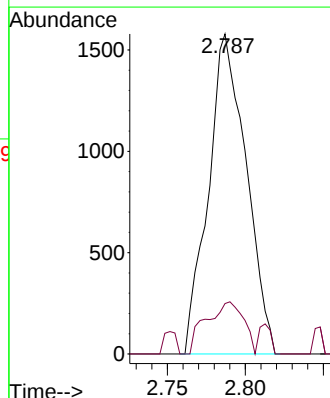
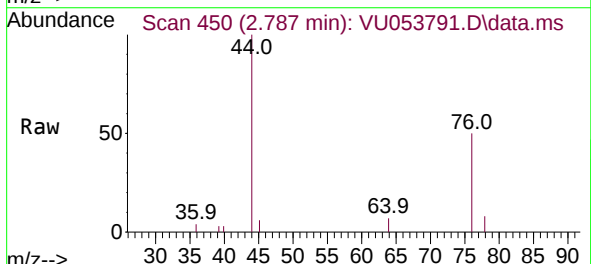
Acq: 19 Apr 2023 20:14

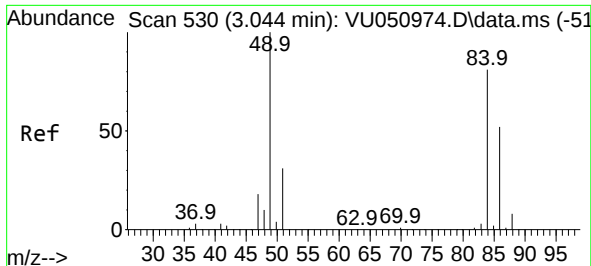
Tgt Ion: 76 Resp: 2666

Ion Ratio Lower Upper

76 100

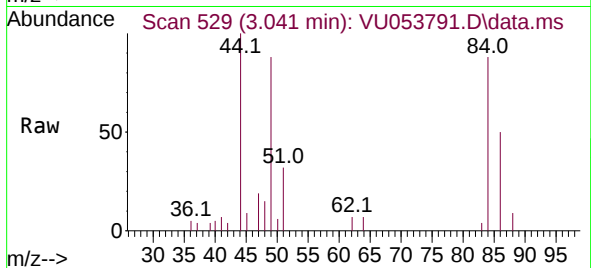
78 15.8 7.4 11.0





#15
Methylene Chloride
Concen: 0.433 ug/l
RT: 3.041 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

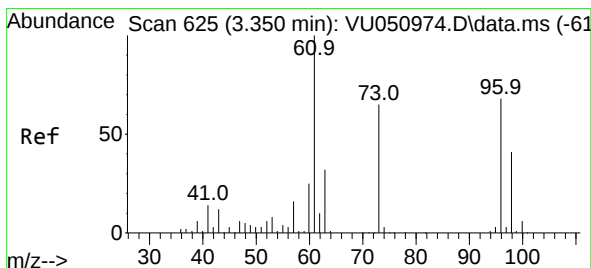
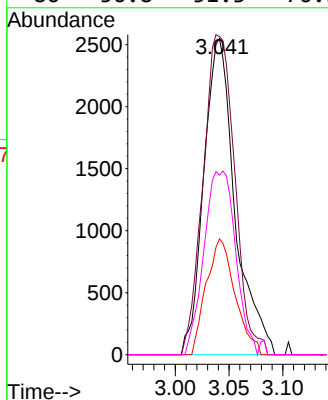
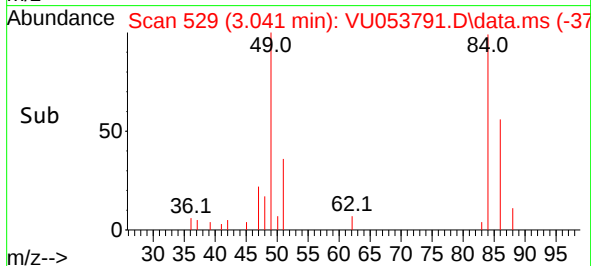
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.6	98.9	148.3
51	36.6	0.0	75.4
86	56.8	51.3	76.9

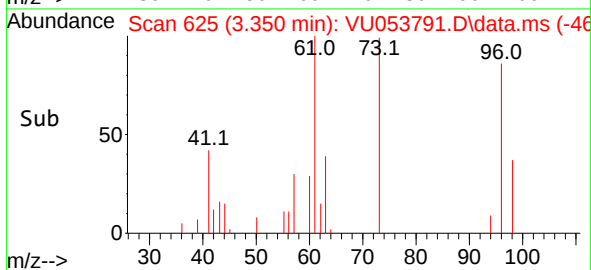
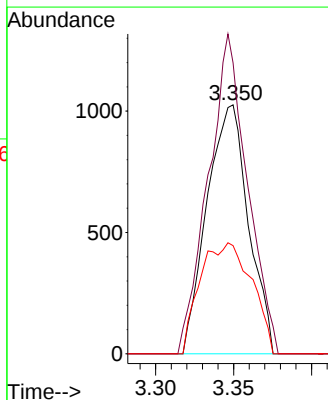
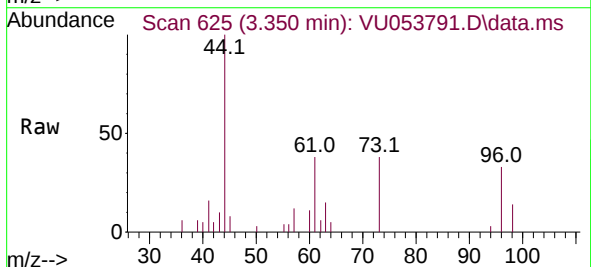
Manual Integrations
APPROVED

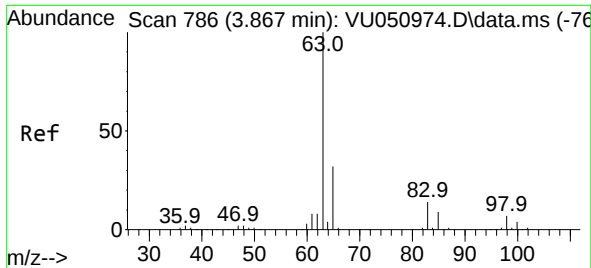
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#16
trans-1,2-Dichloroethene
Concen: 0.216 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.9	117.5	176.3#
98	43.5	48.3	72.5#





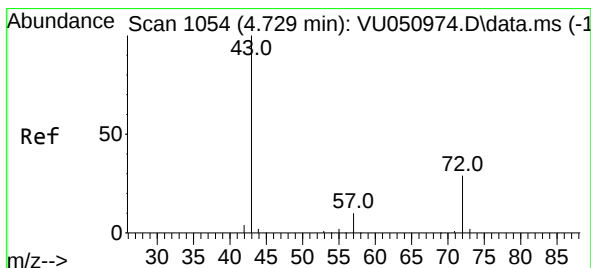
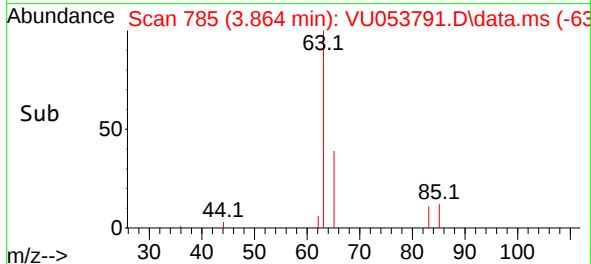
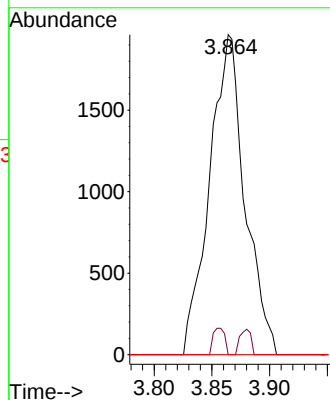
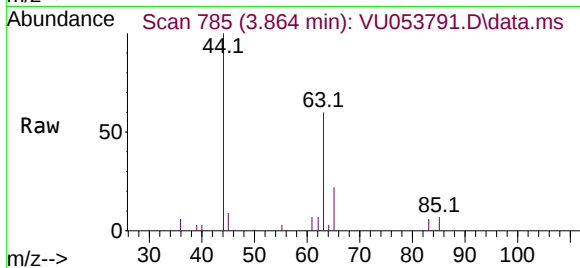
#17
1,1-Dichloroethane
Concen: 0.230 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 4170
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1
100 0.0 2.2 6.6

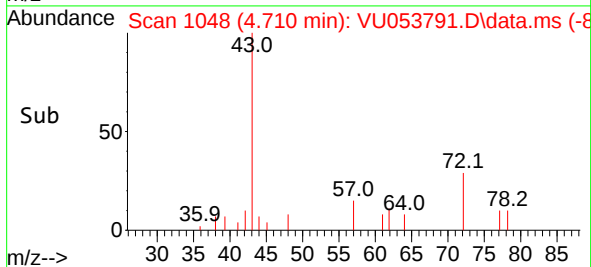
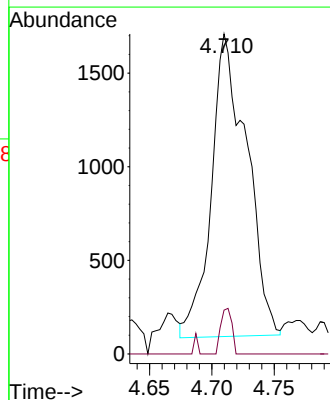
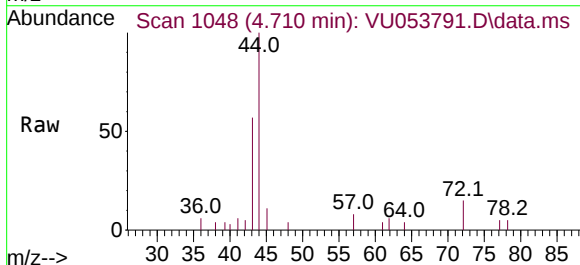
Manual Integrations
APPROVED

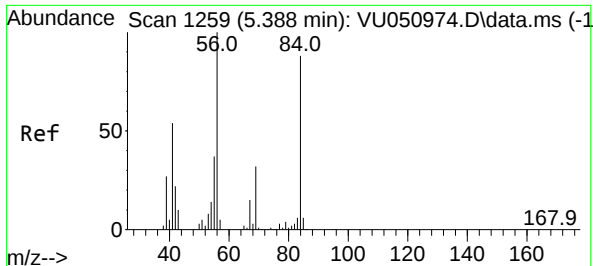
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#18
2-Butanone
Concen: 0.866 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
57 14.8 0.0 19.6





#19

Cyclohexane

Concen: 0.213 ug/l m

RT: 5.369 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU053791.D

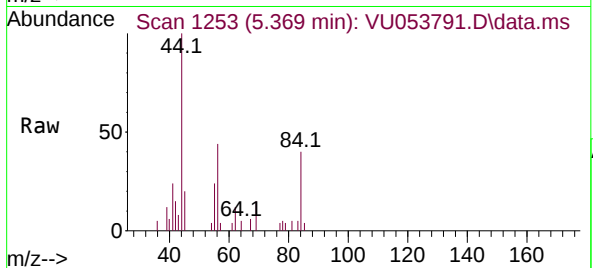
Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



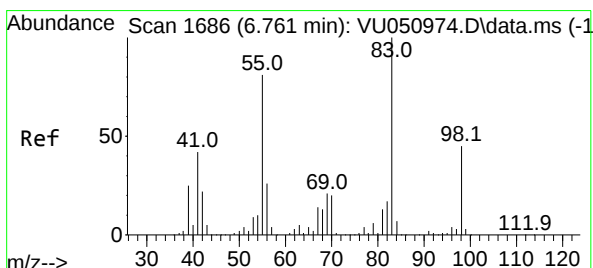
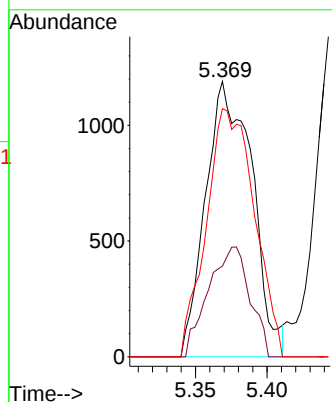
Tgt Ion:	56	Resp:	2679
Ion Ratio	Lower	Upper	
56	100		
69	35.7	24.6	37.0
84	93.0	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#20

Methylcyclohexane

Concen: 0.177 ug/l

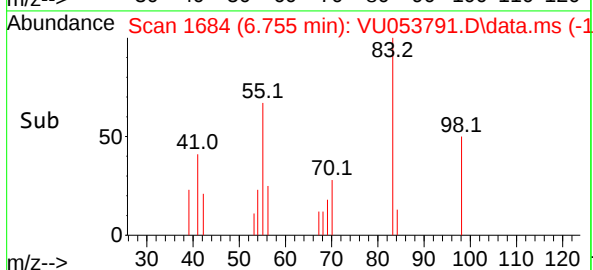
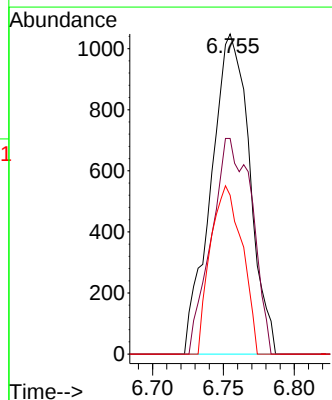
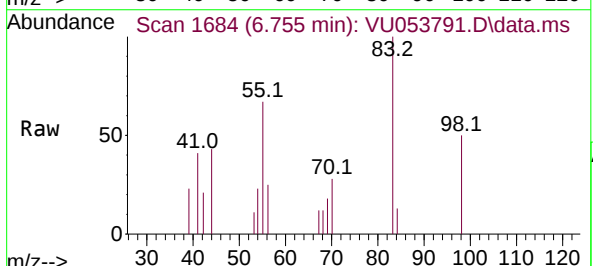
RT: 6.755 min Scan# 1684

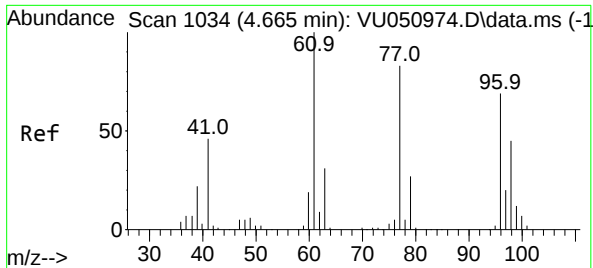
Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion:	83	Resp:	1993
Ion Ratio	Lower	Upper	
83	100		
55	70.2	63.5	95.3
98	43.0	36.0	54.0





#21

2,2-Dichloropropane

Concen: 0.246 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 77 Resp: 405

Ion Ratio Lower Upper

77 100

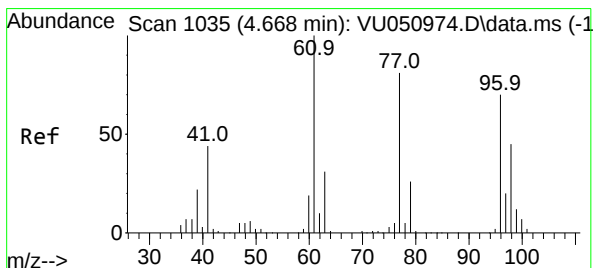
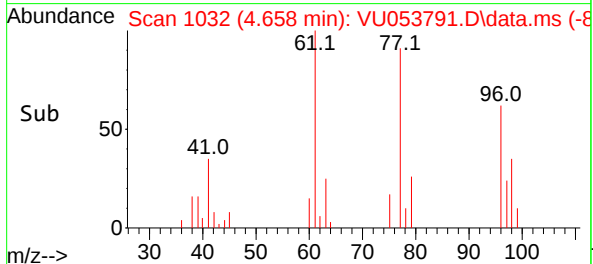
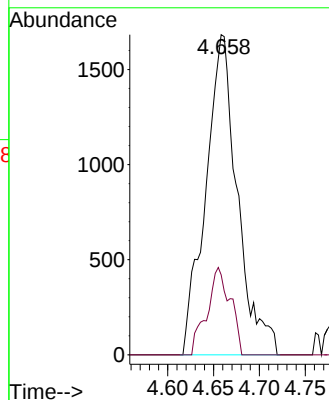
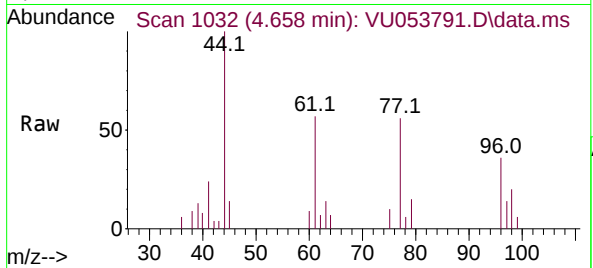
97 20.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#22

cis-1,2-Dichloroethene

Concen: 0.229 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

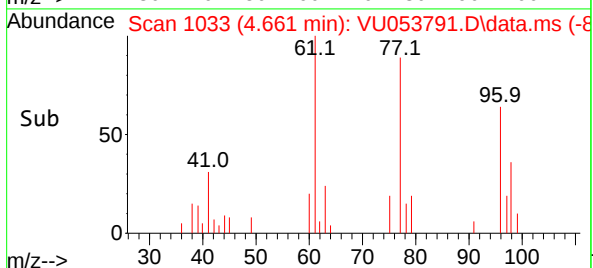
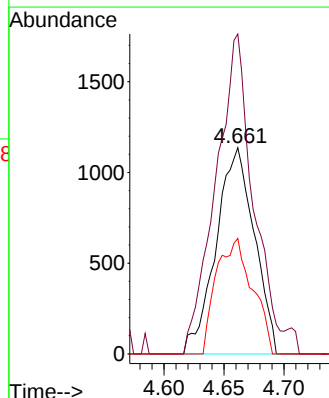
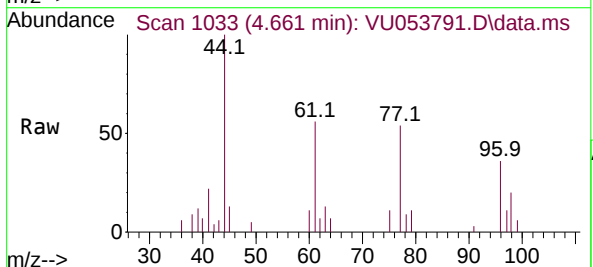
Tgt Ion: 96 Resp: 2522

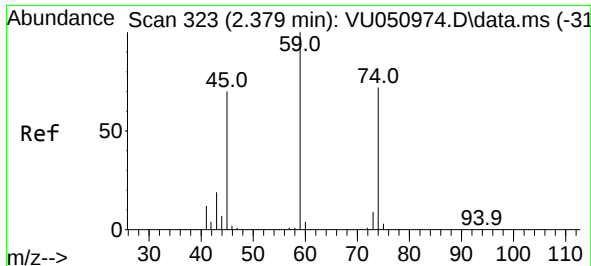
Ion Ratio Lower Upper

96 100

61 151.6 0.0 365.8

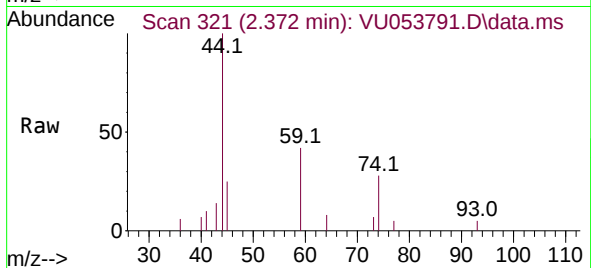
98 52.8 32.0 96.0





#23
Diethyl Ether
Concen: 0.213 ug/l
RT: 2.372 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

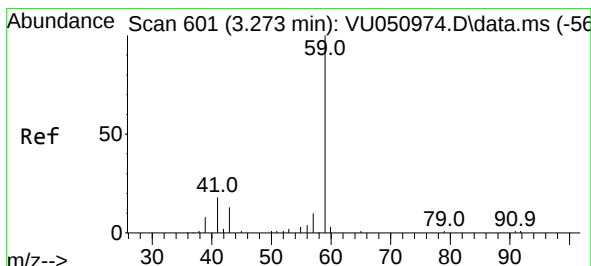
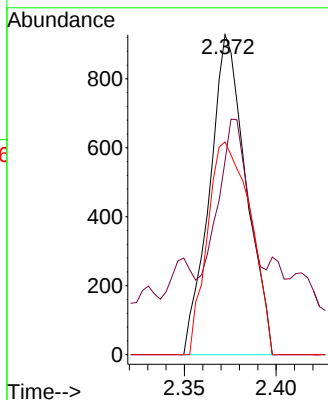
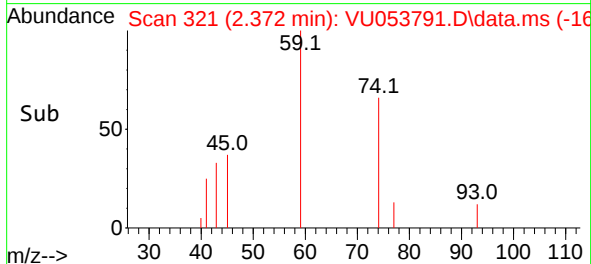
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



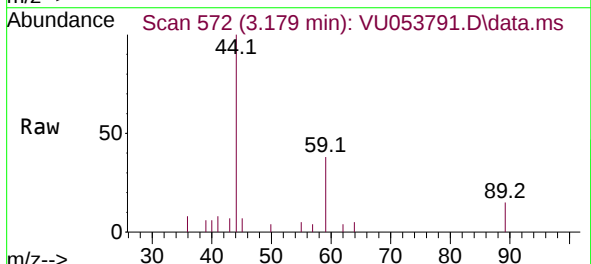
Tgt Ion: 59 Resp: 1280
Ion Ratio Lower Upper
59 100
45 40.0 56.1 84.1
74 78.7 57.4 86.2

Manual Integrations
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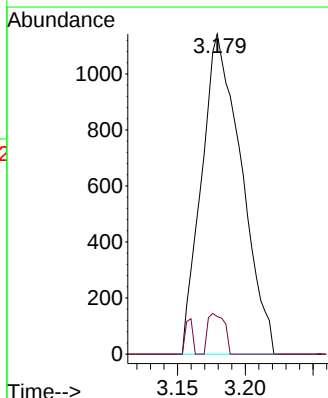
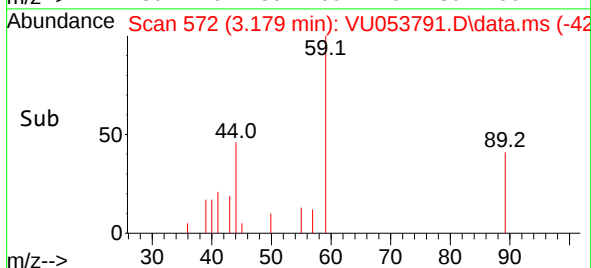
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

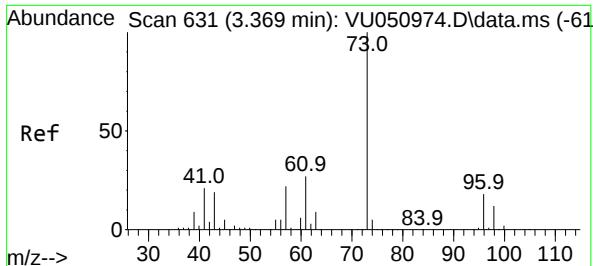


#24
tert-Butyl Alcohol
Concen: 2.851 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



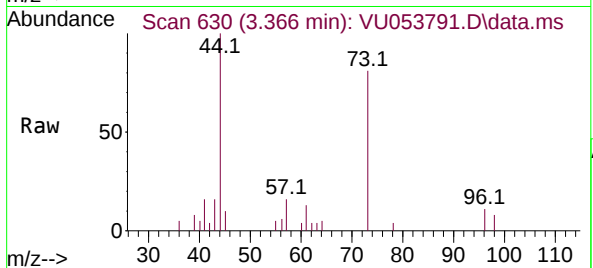
Tgt Ion: 59 Resp: 2328
Ion Ratio Lower Upper
59 100
57 5.3 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.236 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

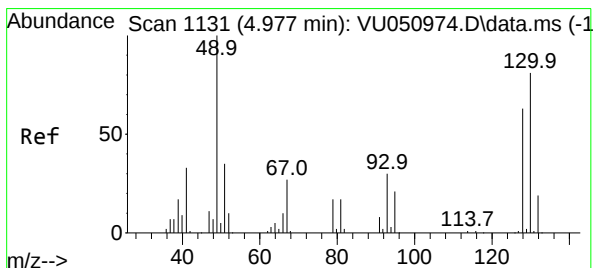
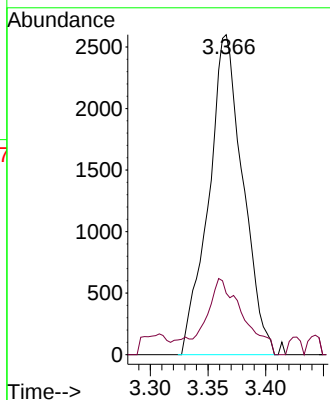
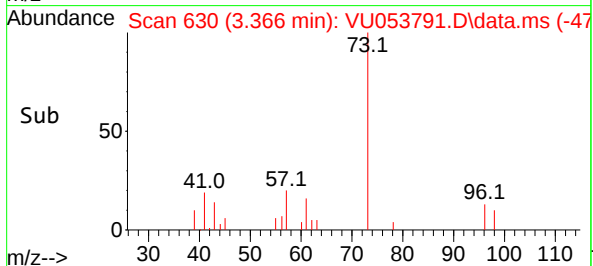
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



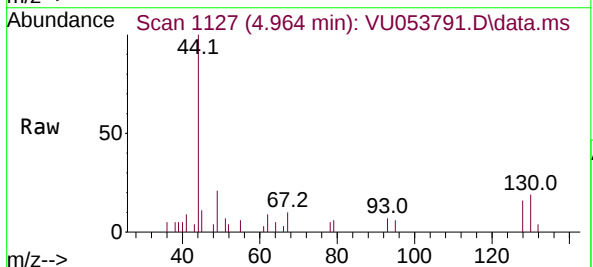
Tgt Ion: 73 Resp: 536
Ion Ratio Lower Upper
73 100
43 24.6 15.0 22.6

Manual Integrations
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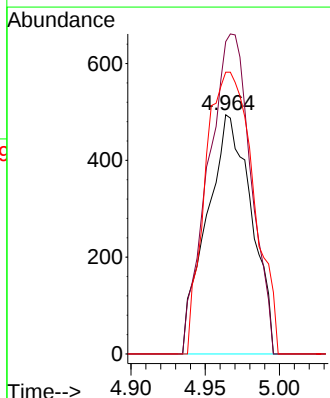
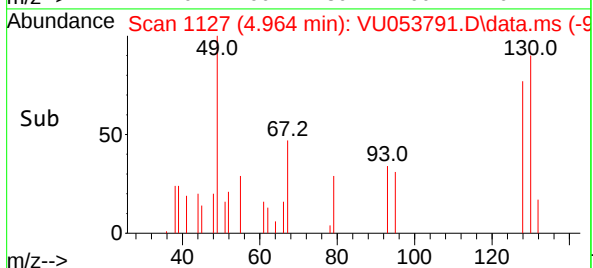
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

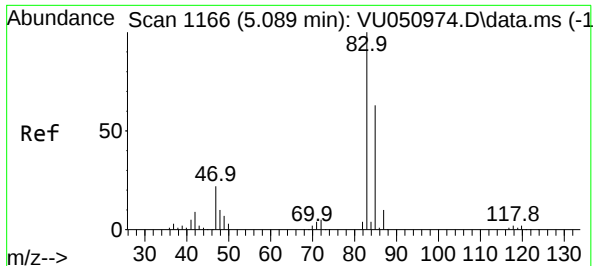


#26
Bromochloromethane
Concen: 0.212 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



Tgt Ion:128 Resp: 1030
Ion Ratio Lower Upper
128 100
49 128.9 0.0 324.6
130 127.4 103.0 154.4





#27

Chloroform

Concen: 0.233 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 456

Ion Ratio Lower Upper

83 100

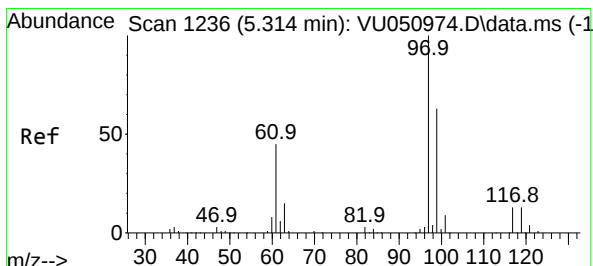
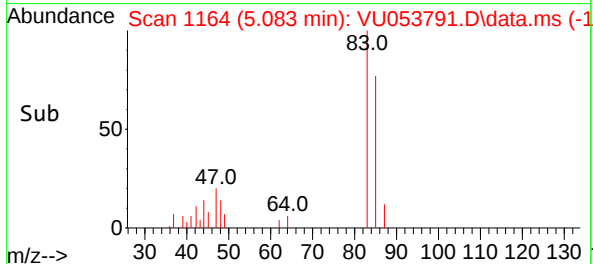
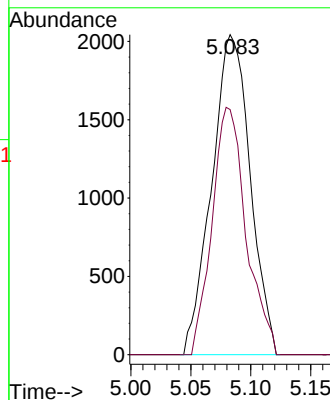
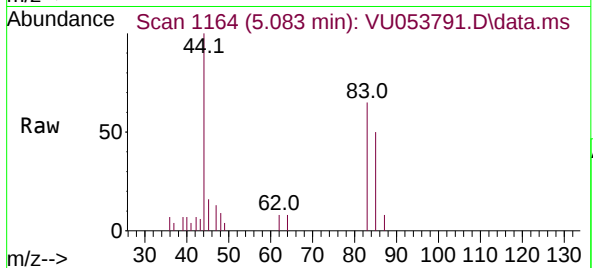
85 76.6 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#28

1,1,1-Trichloroethane

Concen: 0.222 ug/l

RT: 5.305 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

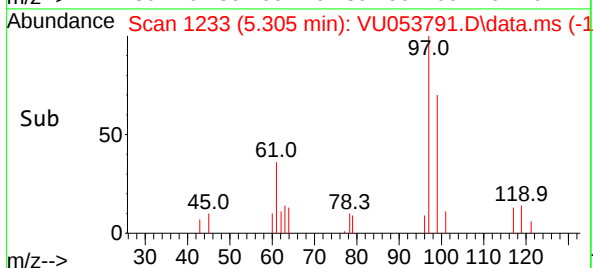
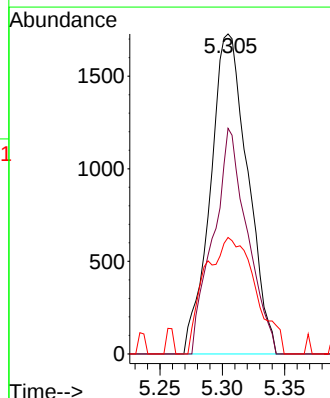
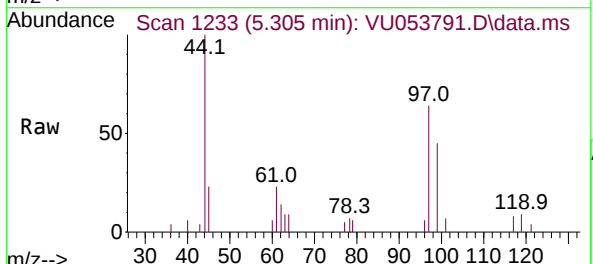
Tgt Ion: 97 Resp: 3603

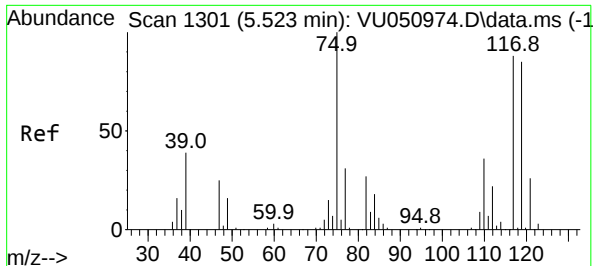
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

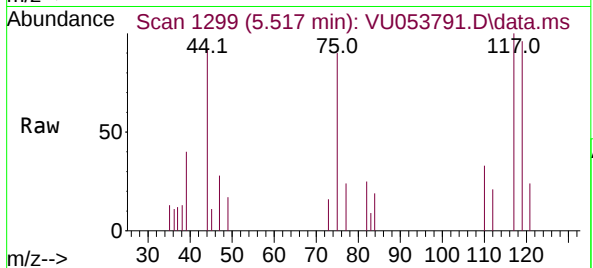
61 49.1 22.9 68.5





#29
1,1-Dichloropropene
Concen: 0.196 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

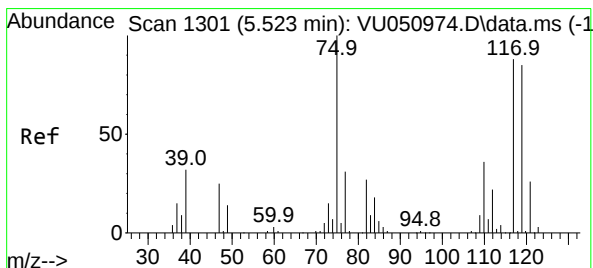
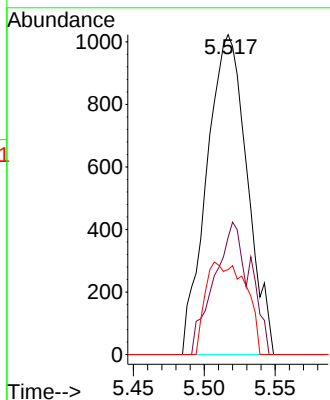
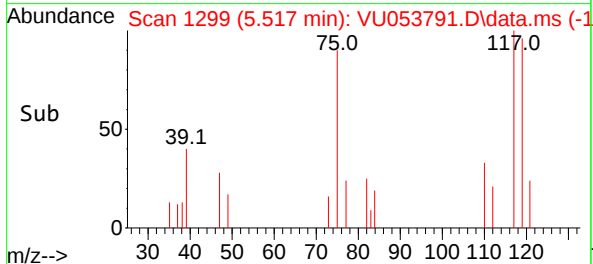


Tgt Ion: 75 Resp: 202

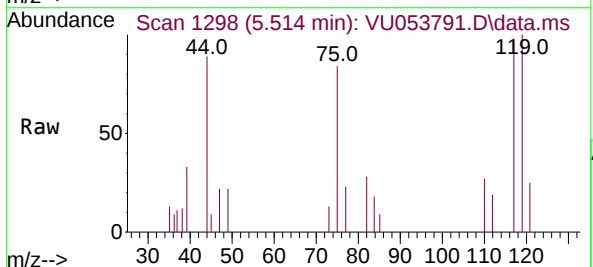
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.0	54.0
77	28.7	24.7	37.1

Manual Integrations
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Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

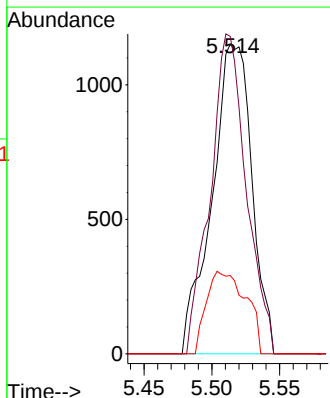
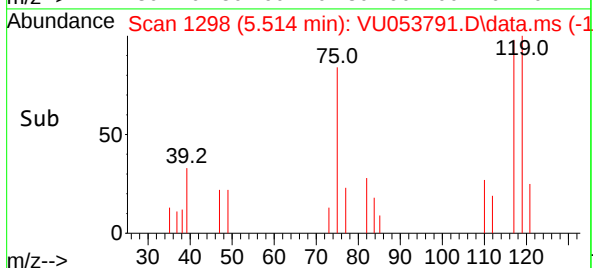


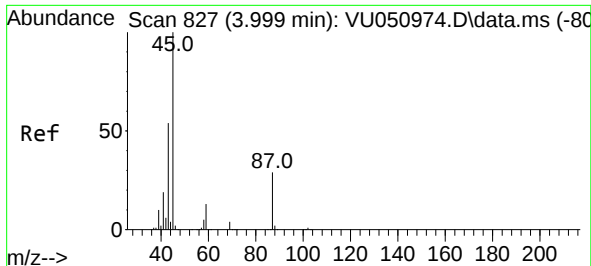
#30
Carbon Tetrachloride
Concen: 0.203 ug/l
RT: 5.514 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



Tgt Ion:117 Resp: 2359

Ion	Ratio	Lower	Upper
117	100		
119	102.5	77.4	116.0
121	25.3	24.0	36.0





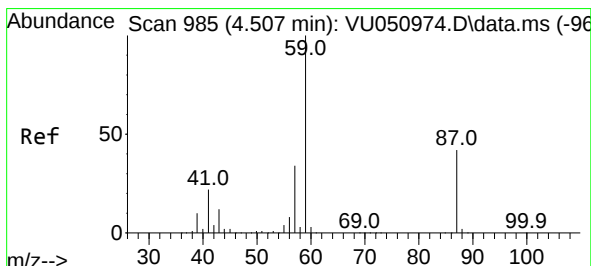
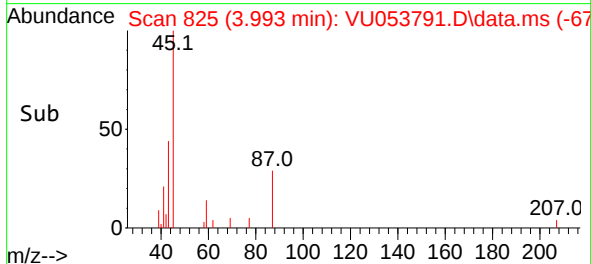
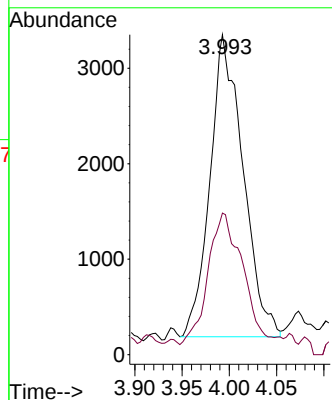
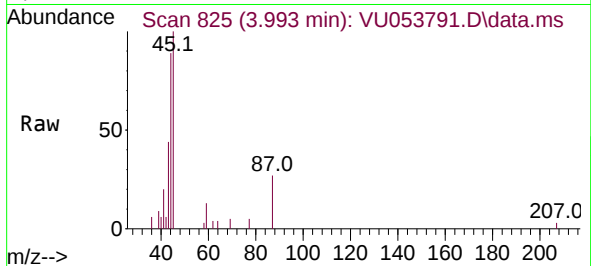
#31
Isopropyl Ether
Concen: 0.293 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 45 Resp: 7690
Ion Ratio Lower Upper
45 100
43 45.9 27.5 82.5

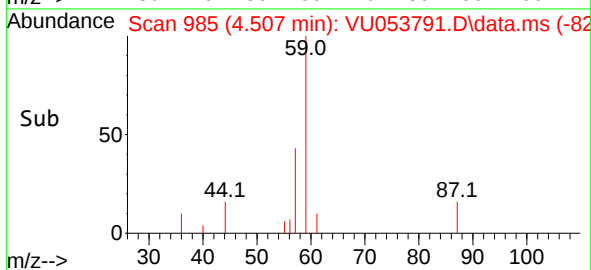
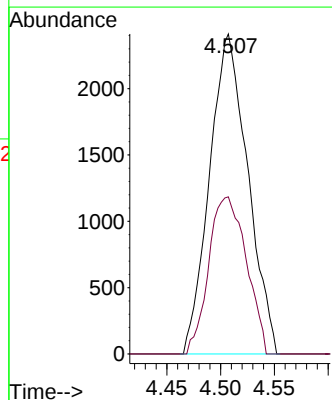
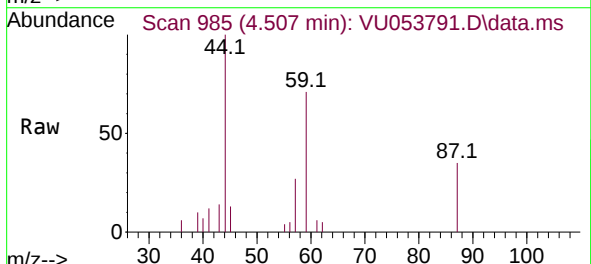
Manual Integrations
APPROVED

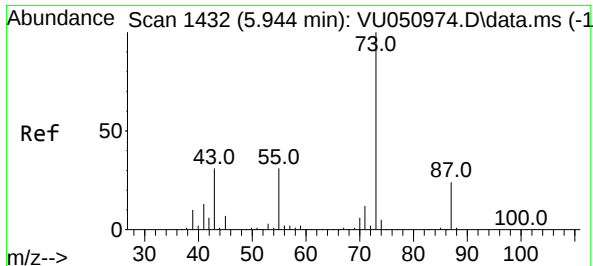
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#32
Ethyl-t-butyl ether
Concen: 0.225 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

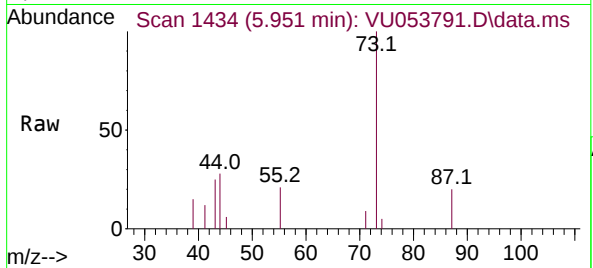
Tgt Ion: 59 Resp: 5964
Ion Ratio Lower Upper
59 100
87 48.3 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.220 ug/l
RT: 5.951 min Scan# 1432
Delta R.T. 0.007 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

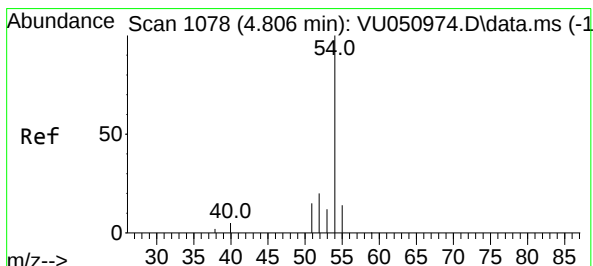
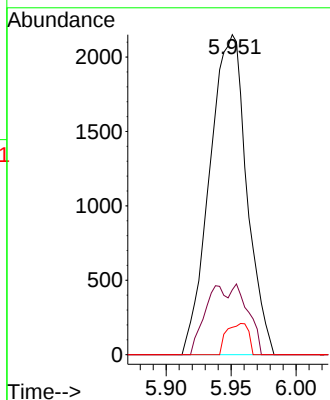
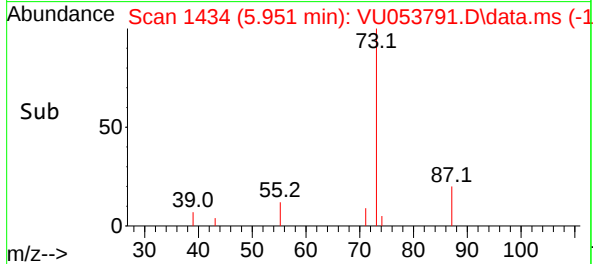
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 73 Resp: 426
Ion Ratio Lower Upper
73 100
87 13.4 18.6 28.0#
71 5.7 9.9 14.9#

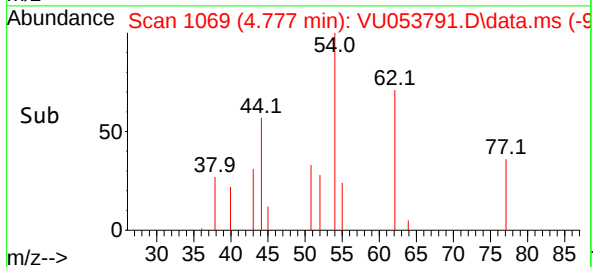
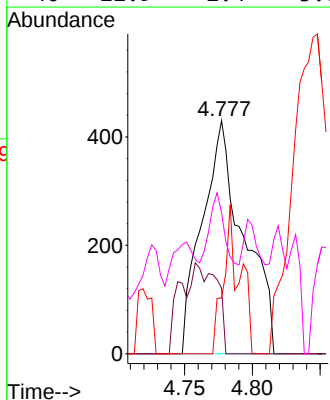
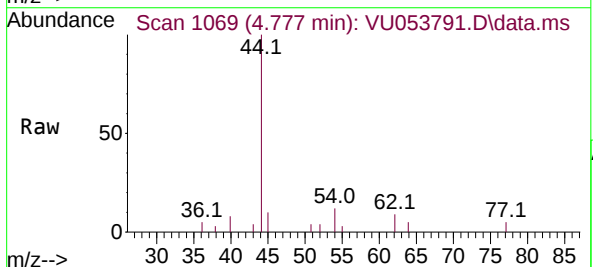
Manual Integrations
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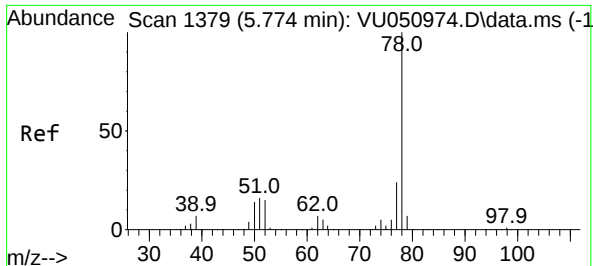
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#34
Propionitrile
Concen: 1.114 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion: 54 Resp: 917
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 25.1 104.1 156.1#
40 22.9 2.4 3.6#





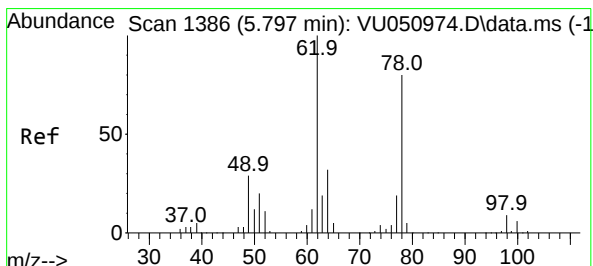
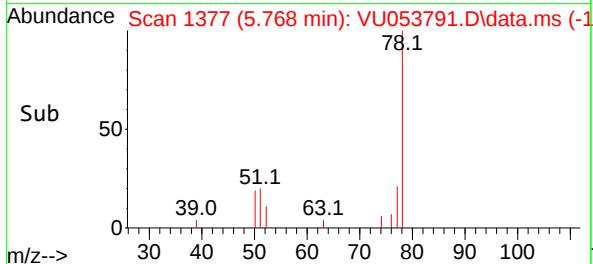
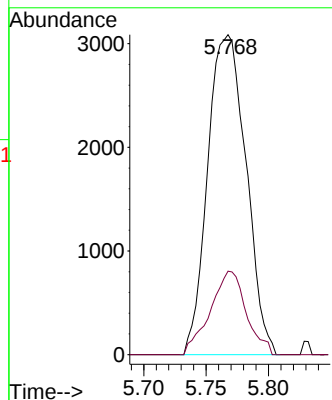
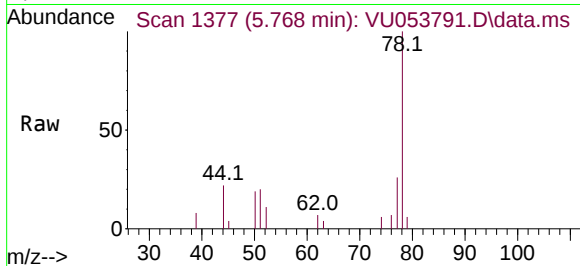
#35
Benzene
Concen: 0.207 ug/l
RT: 5.768 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 78 Resp: 660
Ion Ratio Lower Upper
78 100
77 26.1 18.9 28.3

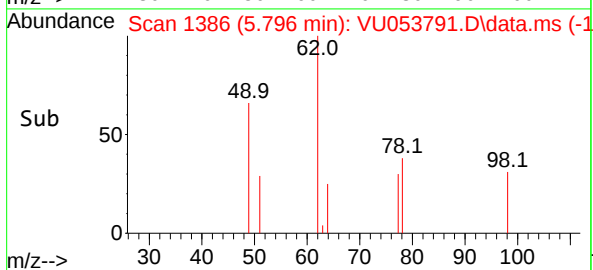
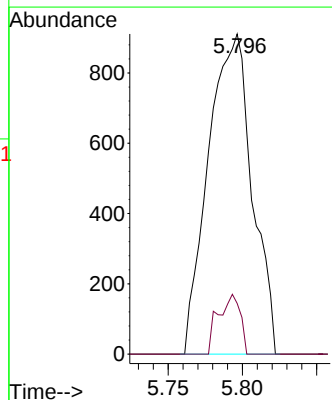
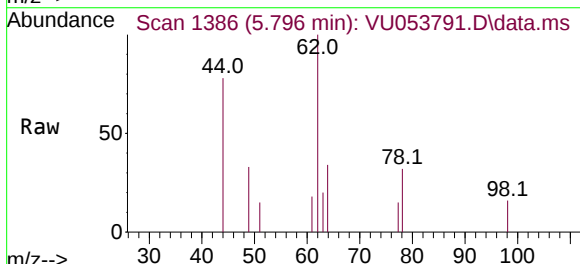
Manual Integrations
APPROVED

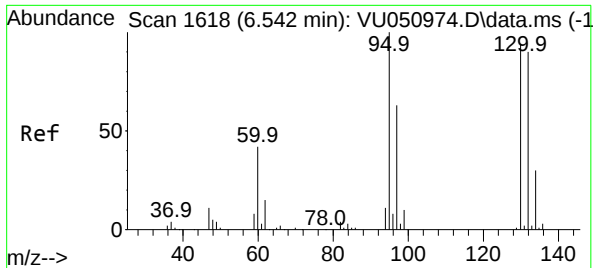
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#36
1,2-Dichloroethane
Concen: 0.187 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

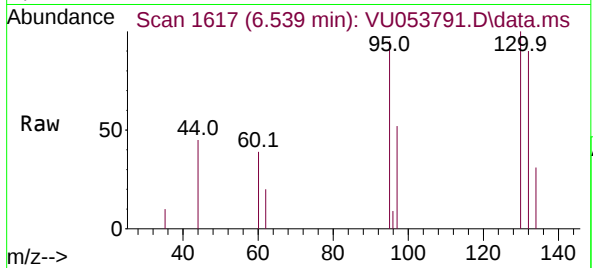
Tgt Ion: 62 Resp: 1865
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#37
 Trichloroethene
 Concen: 0.208 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

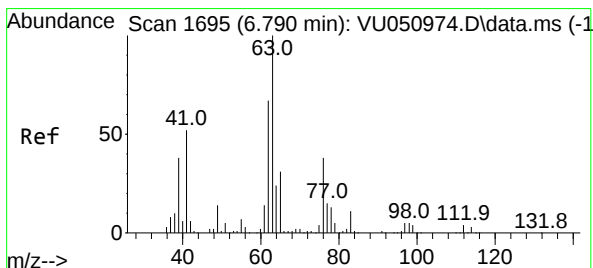
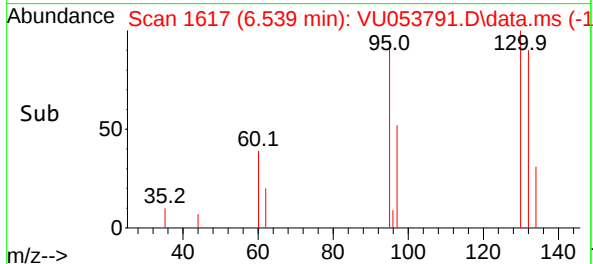
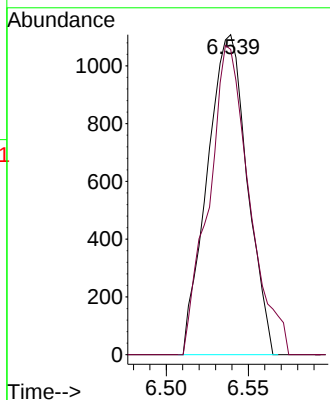
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:130 Resp: 1880
 Ion Ratio Lower Upper
 130 100
 95 95.4 85.0 127.6

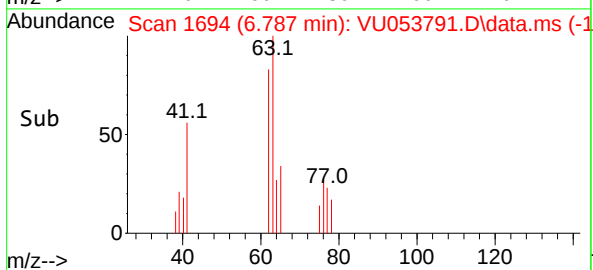
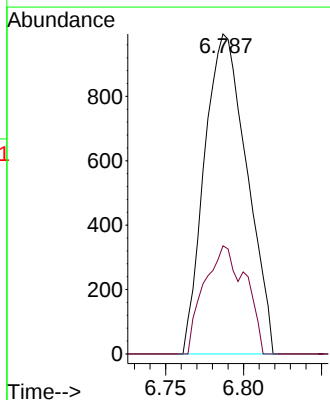
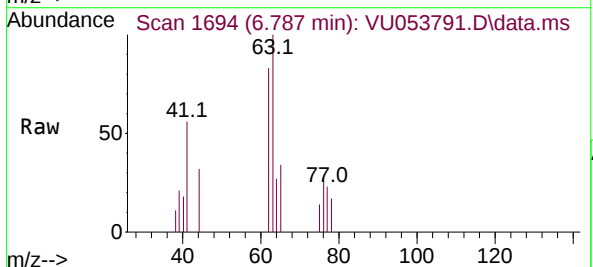
Manual Integrations
 APPROVED

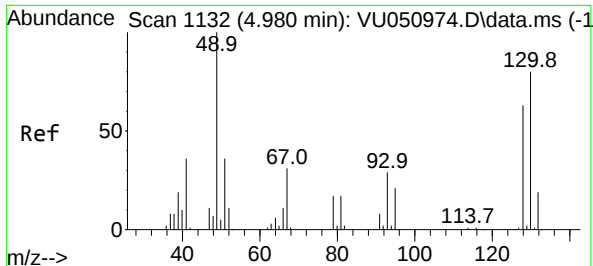
Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#38
 1,2-Dichloropropane
 Concen: 0.207 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

Tgt Ion: 63 Resp: 1879
 Ion Ratio Lower Upper
 63 100
 65 33.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.248 ug/l m

RT: 4.957 min Scan# 1125

Delta R.T. -0.016 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

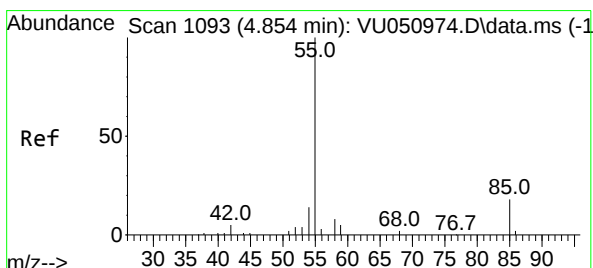
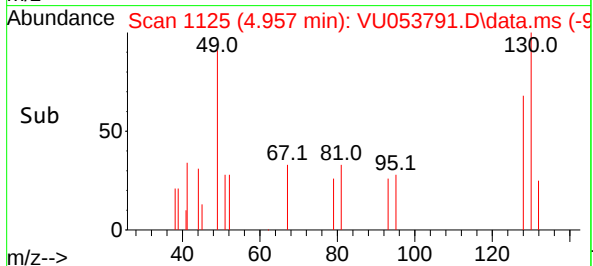
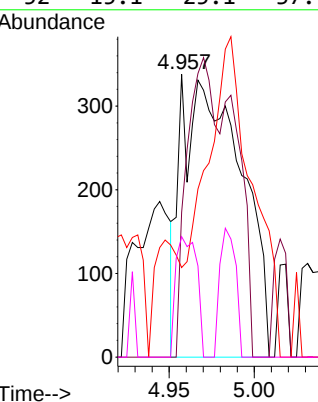
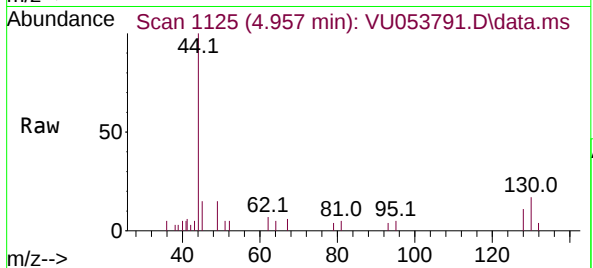
Tgt Ion: 41	Resp: 81
Ion Ratio	Lower Upper
41 100	
67 0.0	66.8 100.2
39 0.0	41.2 61.8
52 15.1	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#40

Methyl acrylate

Concen: 0.264 ug/l

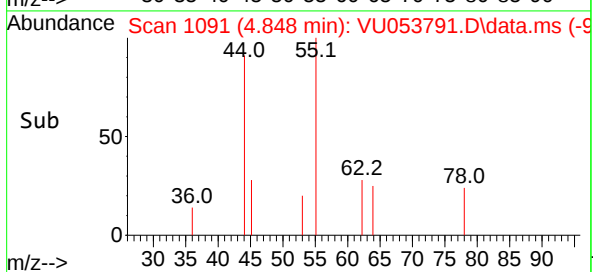
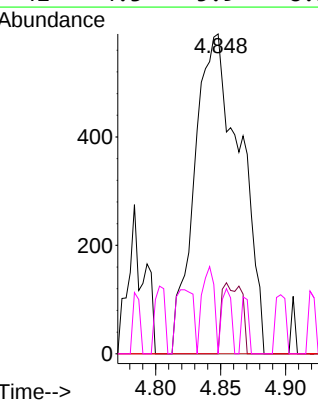
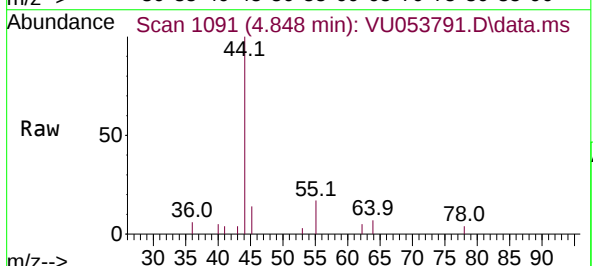
RT: 4.848 min Scan# 1091

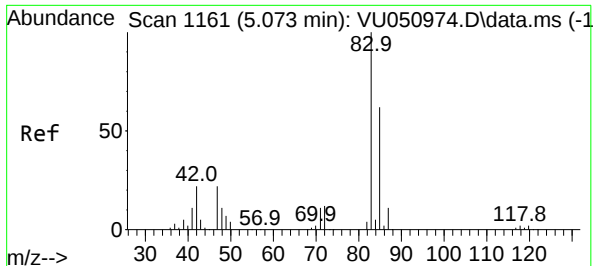
Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 55	Resp: 1435
Ion Ratio	Lower Upper
55 100	
85 9.6	13.3 19.9
58 0.0	6.5 9.7
42 4.3	5.9 8.9





#41

Tetrahydrofuran

Concen: 0.596 ug/l

RT: 5.067 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 42 Resp: 97

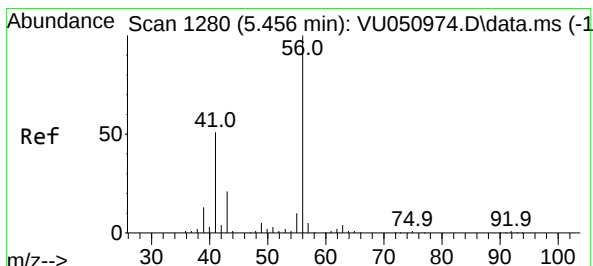
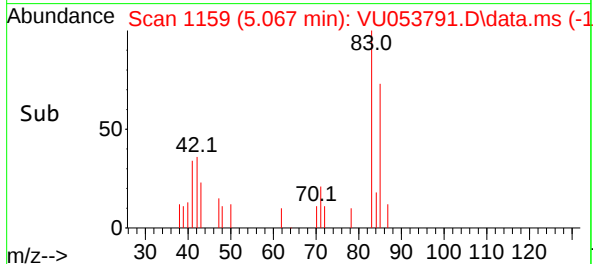
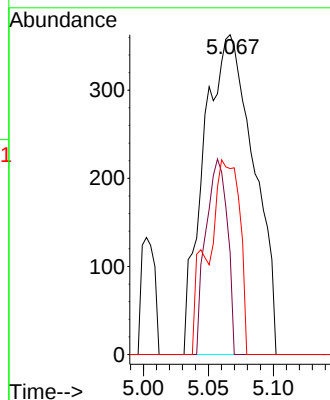
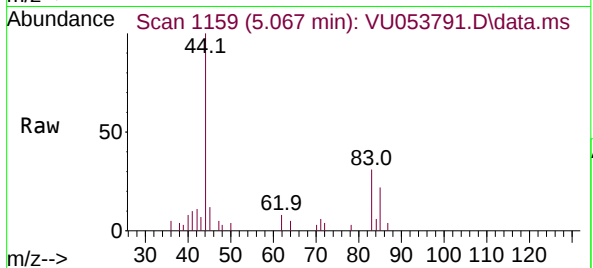
Ion	Ratio	Lower	Upper
42	100		
72	26.2	40.9	61.3
71	29.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#42

1-Chlorobutane

Concen: 0.218 ug/l

RT: 5.449 min Scan# 1278

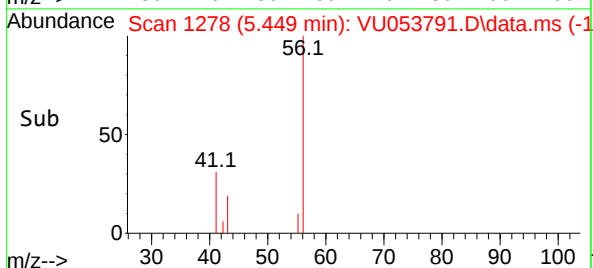
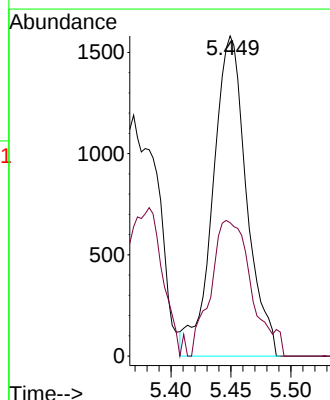
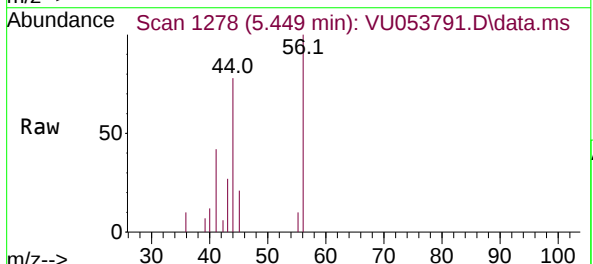
Delta R.T. -0.000 min

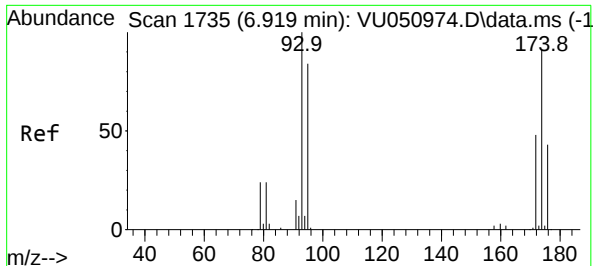
Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 56 Resp: 3079

Ion	Ratio	Lower	Upper
56	100		
41	51.3	25.2	75.6





#43

Dibromomethane

Concen: 0.177 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 93 Resp: 812

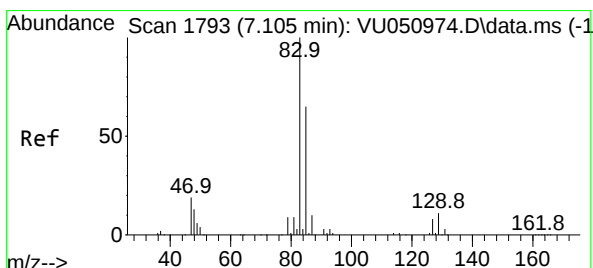
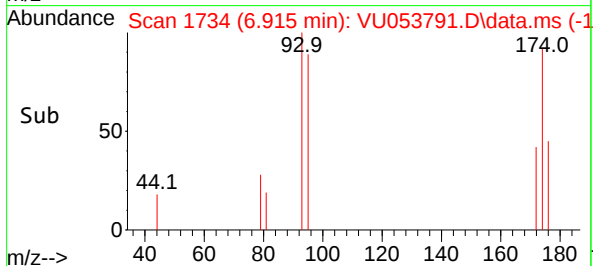
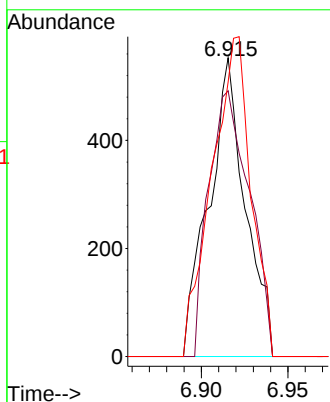
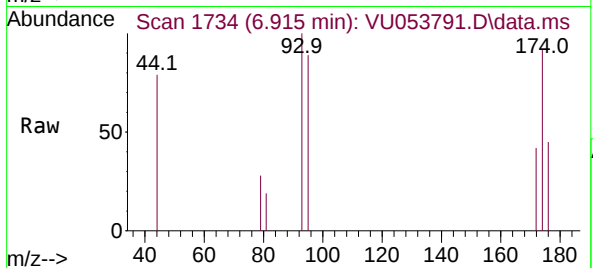
Ion	Ratio	Lower	Upper
93	100		
95	99.8	67.0	100.6
174	115.1	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#44

Bromodichloromethane

Concen: 0.198 ug/l

RT: 7.105 min Scan# 1793

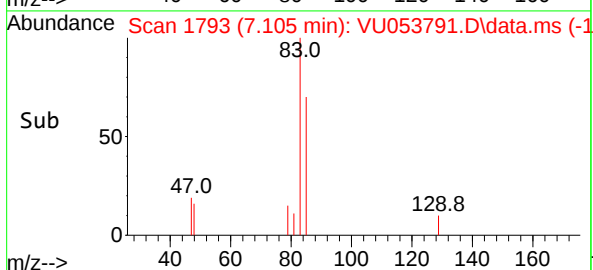
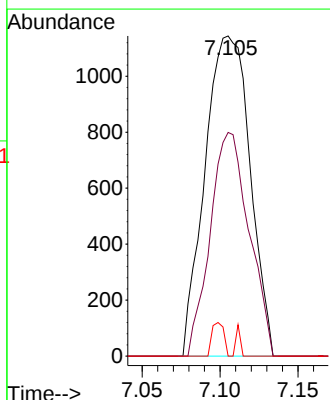
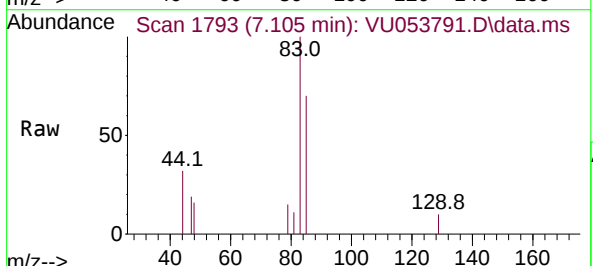
Delta R.T. 0.003 min

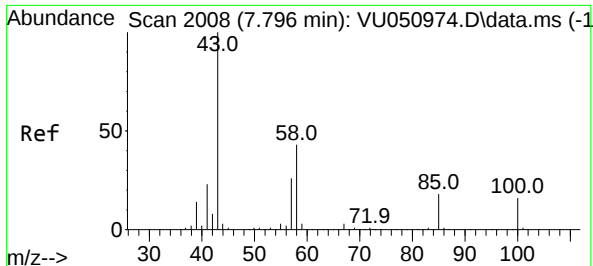
Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 83 Resp: 2298

Ion	Ratio	Lower	Upper
83	100		
85	69.8	51.9	77.9
127	0.0	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 0.865 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

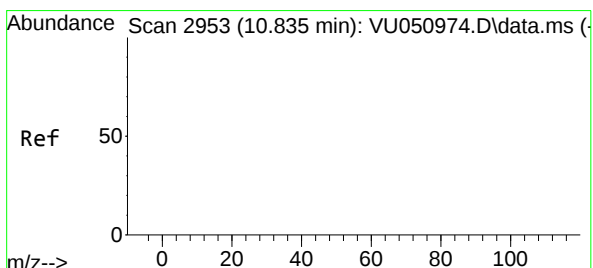
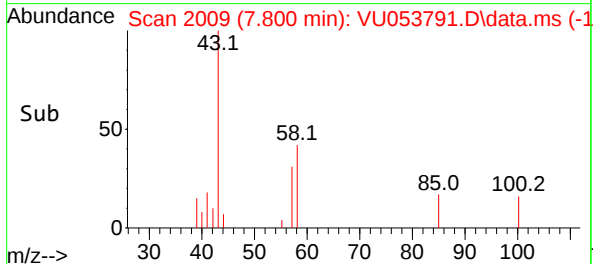
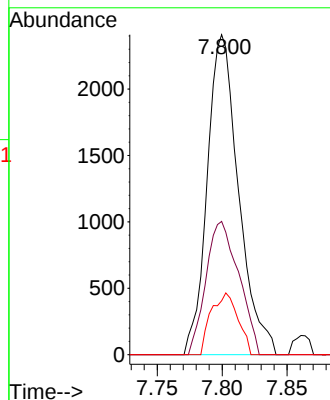
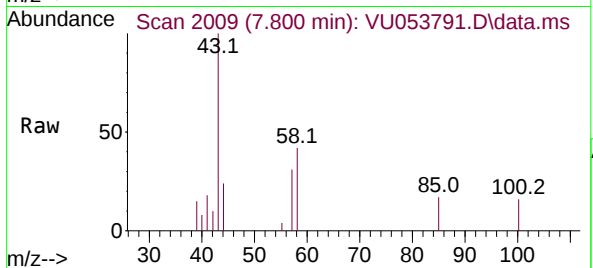
Tgt Ion: 43	Resp: 404
Ion Ratio	Lower Upper
43 100	
58 43.6	20.9 62.8
85 16.5	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.412 ug/l m

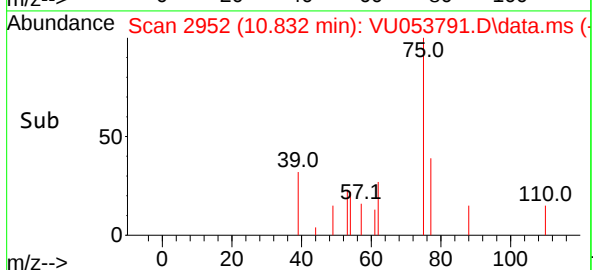
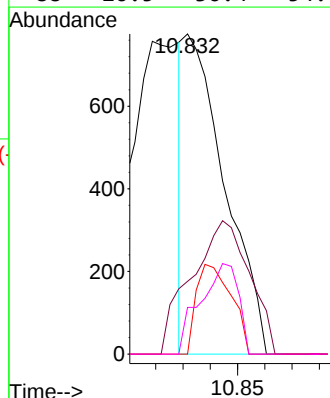
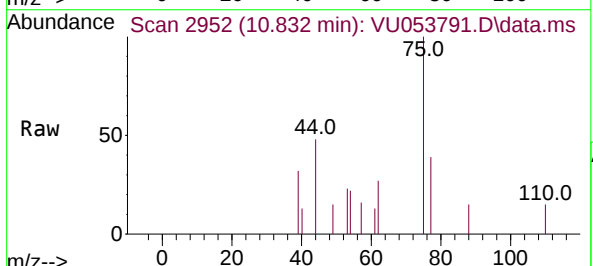
RT: 10.832 min Scan# 2952

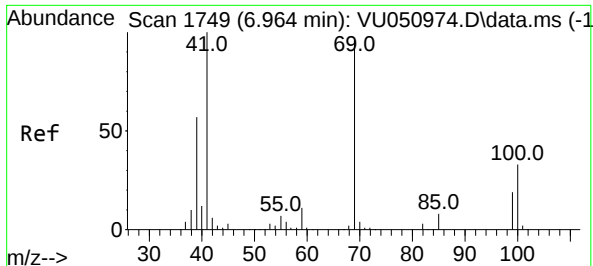
Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Tgt Ion: 75	Resp: 800
Ion Ratio	Lower Upper
75 100	
53 60.1	73.3 109.9#
89 24.1	48.2 72.4#
88 26.5	36.4 54.6#





#47

Methyl methacrylate

Concen: 0.371 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. 0.010 min

Lab File: VU053791.D

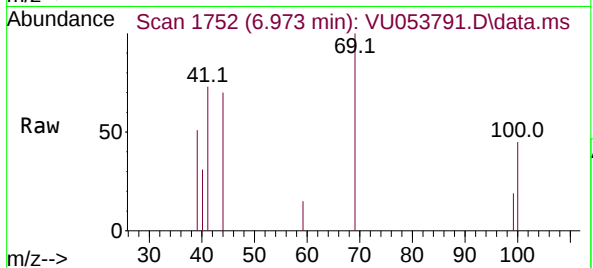
Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 69 Resp: 1499

Ion Ratio Lower Upper

69 100

41 48.4 0.0 209.2

39 47.2 46.7 70.1

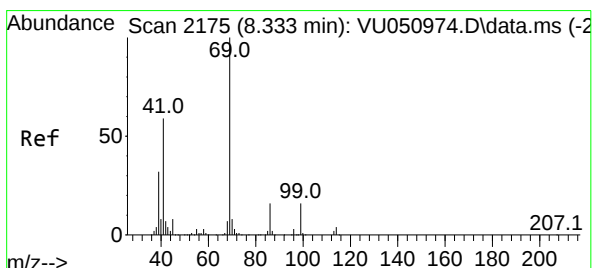
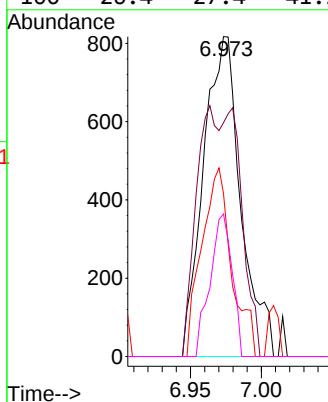
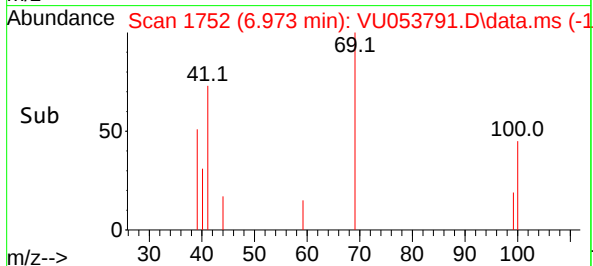
100 26.4 27.4 41.2#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#48

Ethyl methacrylate

Concen: 0.166 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053791.D

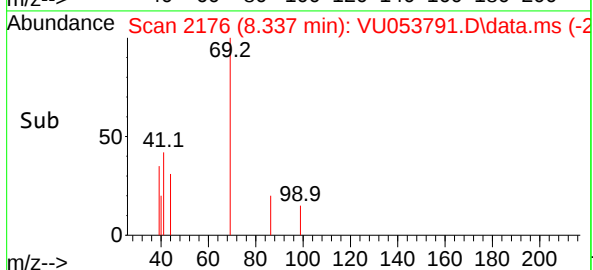
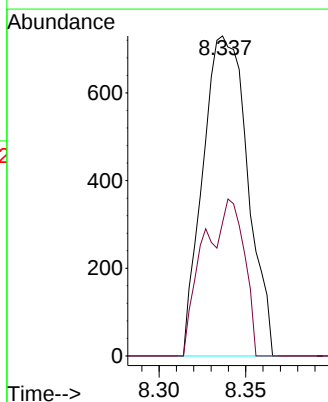
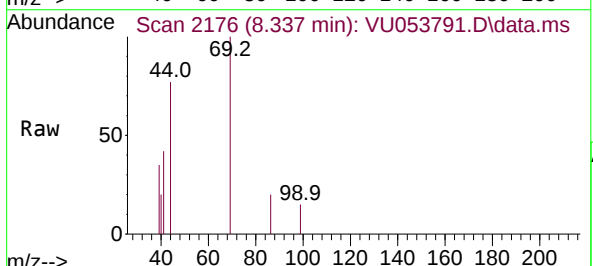
Acq: 19 Apr 2023 20:14

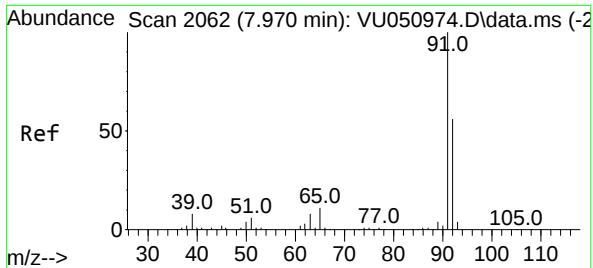
Tgt Ion: 69 Resp: 1313

Ion Ratio Lower Upper

69 100

41 24.8 30.3 90.8#





#49

Toluene

Concen: 0.199 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

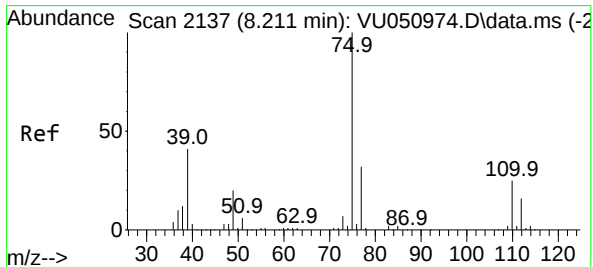
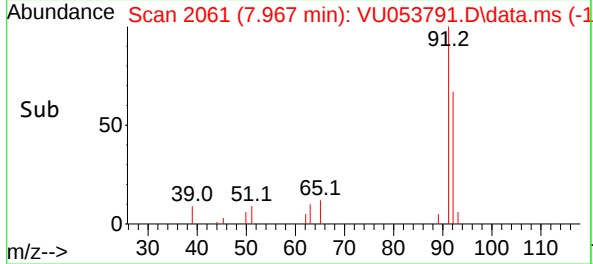
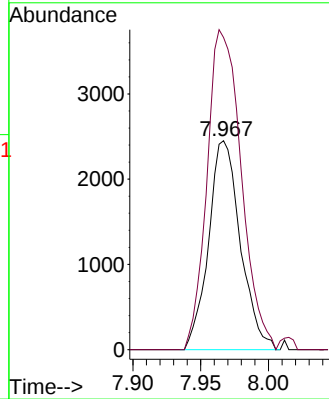
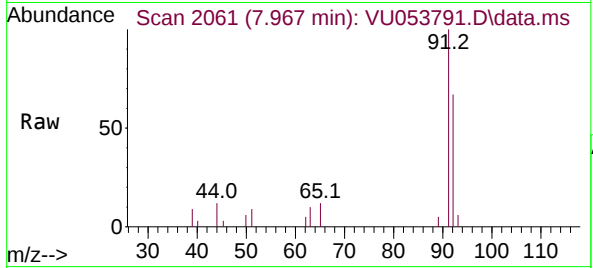
Tgt Ion: 92 Resp: 3998
 Ion Ratio Lower Upper
 92 100
 91 164.8 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#50

t-1,3-Dichloropropene

Concen: 0.176 ug/l

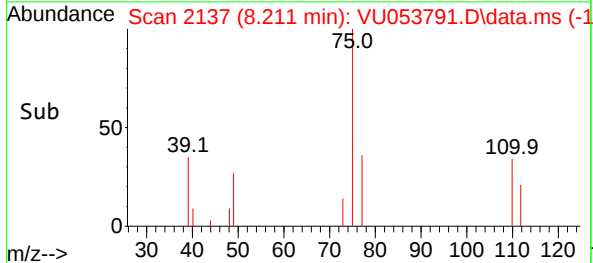
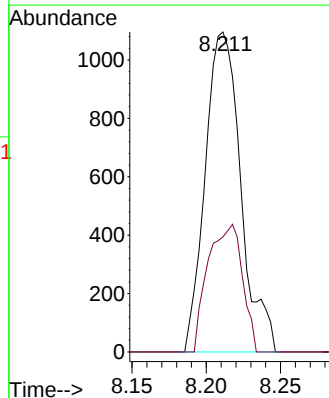
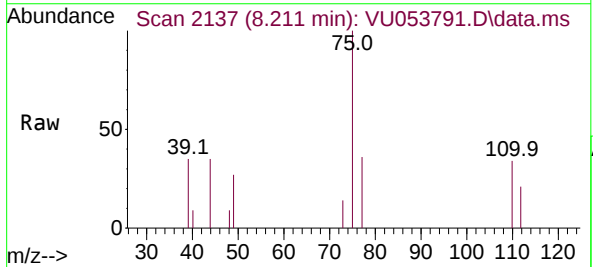
RT: 8.211 min Scan# 2137

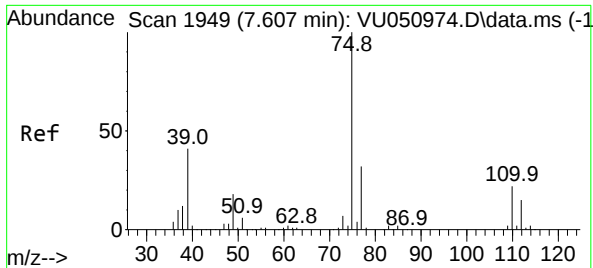
Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

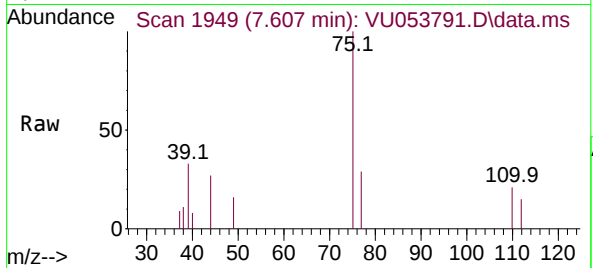
Tgt Ion: 75 Resp: 1829
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.192 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

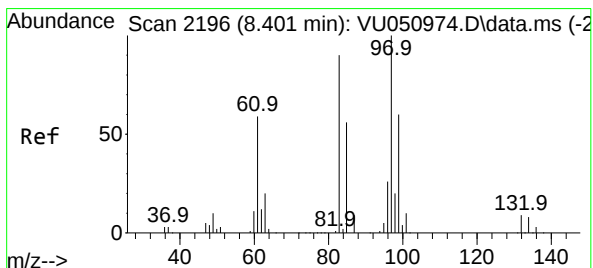
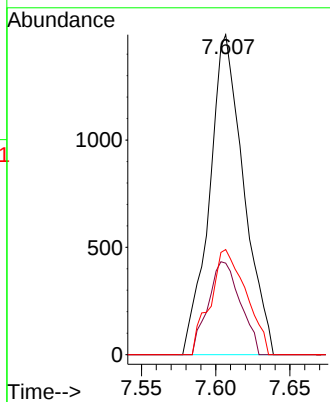
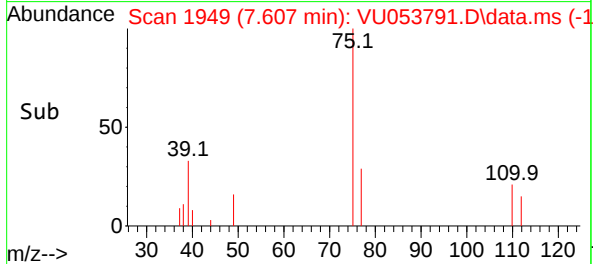


Tgt Ion: 75 Resp: 2392

Ion	Ratio	Lower	Upper
75	100		
77	28.6	25.7	38.5
39	32.9	32.8	49.2

Manual Integrations
 APPROVED

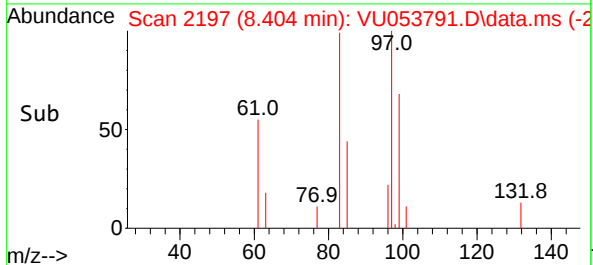
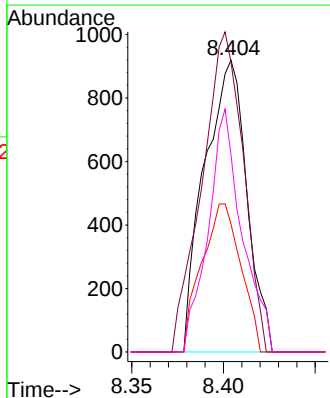
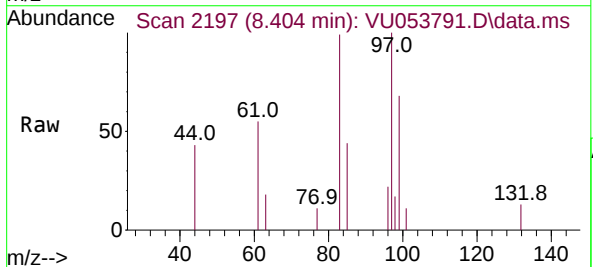
Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

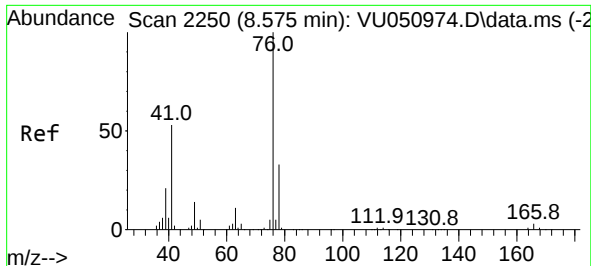


#52
 1,1,2-Trichloroethane
 Concen: 0.202 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.006 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

Tgt Ion: 97 Resp: 1473

Ion	Ratio	Lower	Upper
97	100		
83	99.3	71.8	107.8
85	43.9	45.2	67.8#
99	67.6	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.207 ug/l

RT: 8.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 236

Ion Ratio Lower Upper

76 100

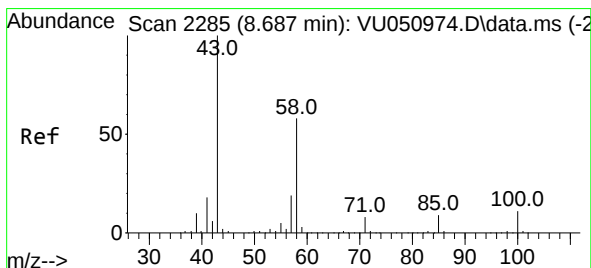
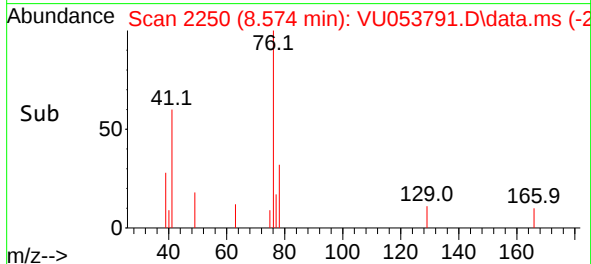
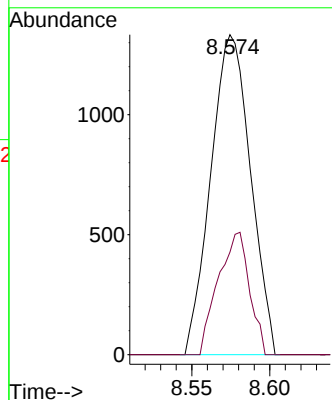
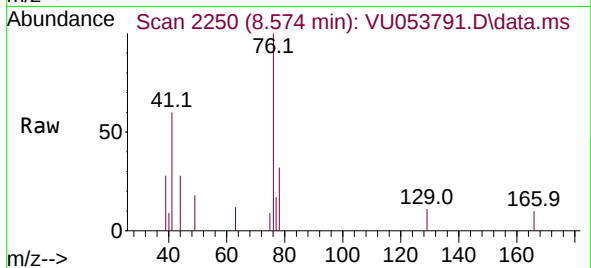
78 30.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#54

2-Hexanone

Concen: 0.638 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

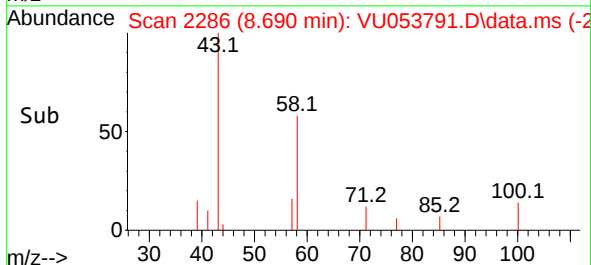
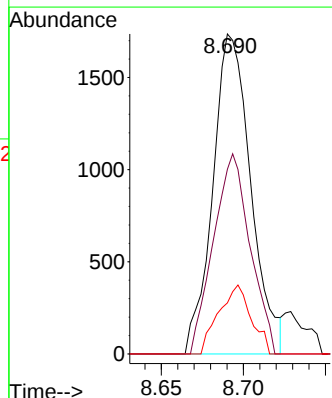
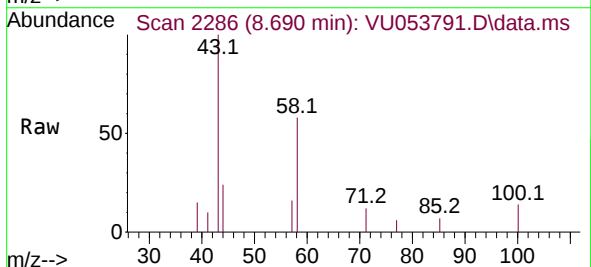
Tgt Ion: 43 Resp: 2796

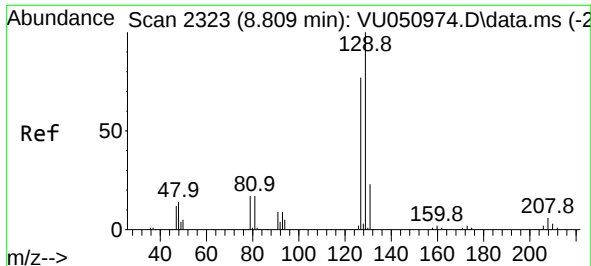
Ion Ratio Lower Upper

43 100

58 60.3 38.2 78.2

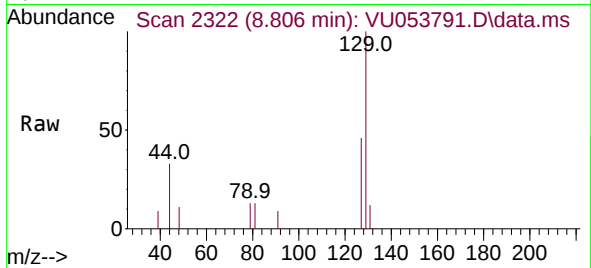
57 18.3 0.0 39.1





#55
Dibromochloromethane
Concen: 0.212 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

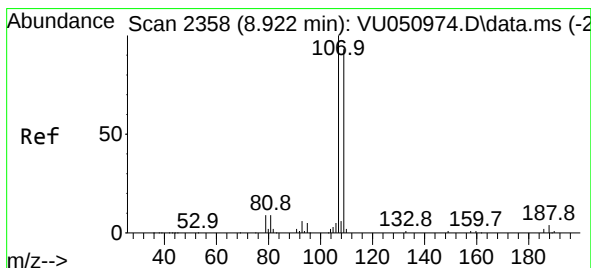
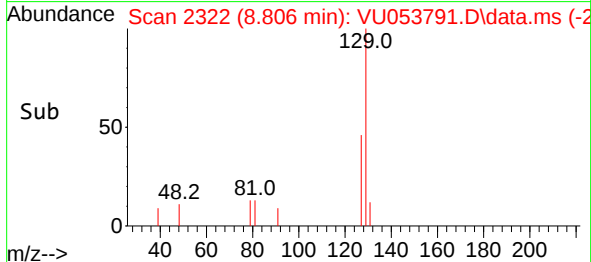
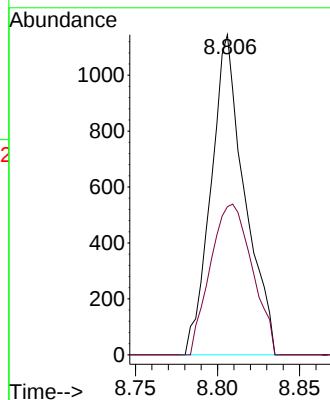
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:129 Resp: 162
Ion Ratio Lower Upper
129 100
127 58.8 61.4 92.0

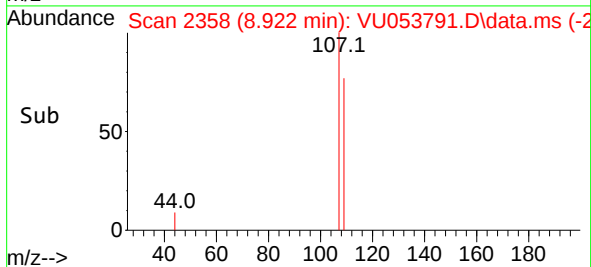
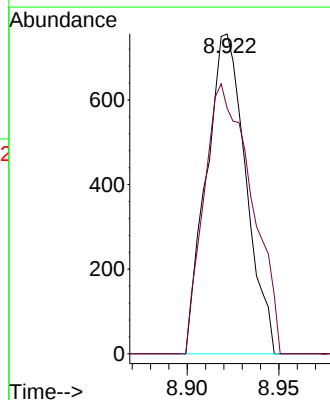
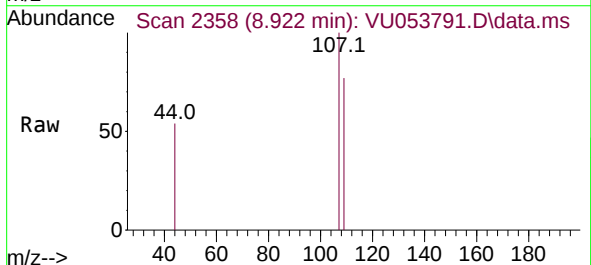
Manual Integrations
APPROVED

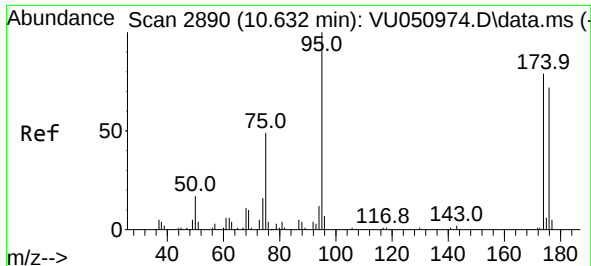
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#56
1,2-Dibromoethane
Concen: 0.179 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

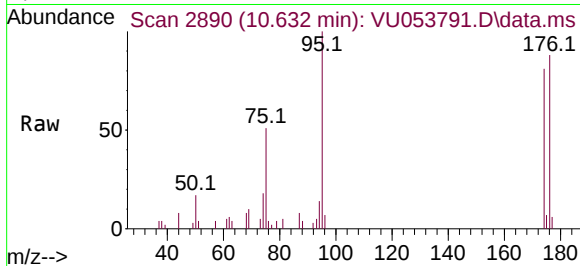
Tgt Ion:107 Resp: 1128
Ion Ratio Lower Upper
107 100
109 102.2 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.860 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

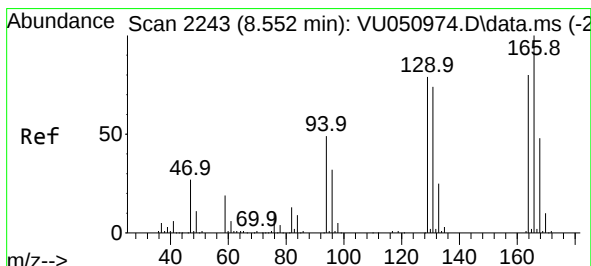
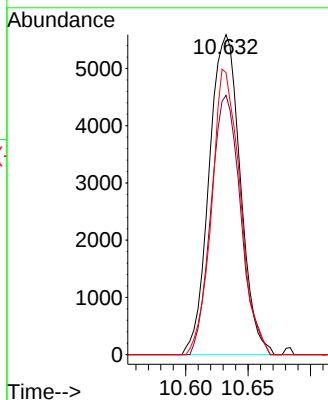
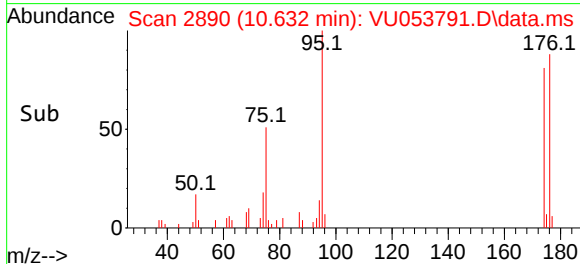
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



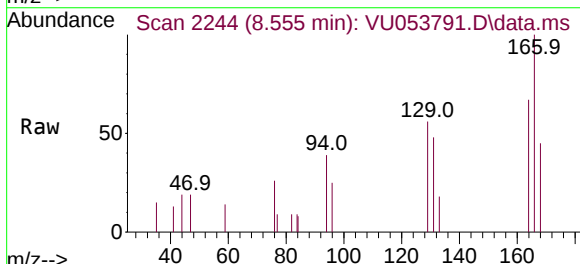
Tgt Ion: 95 Resp: 970
Ion Ratio Lower Upper
95 100
174 77.3 63.3 94.9
176 81.8 59.3 88.9

Manual Integrations
APPROVED

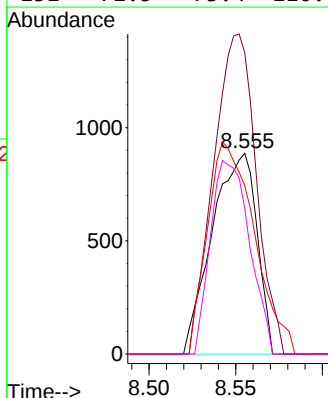
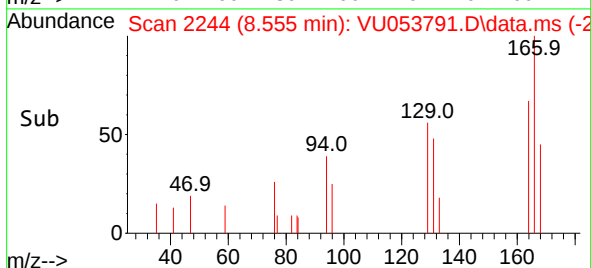
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

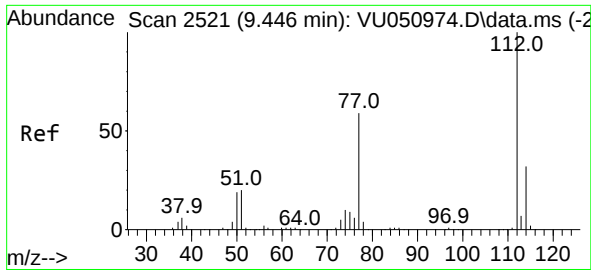


#58
Tetrachloroethene
Concen: 0.182 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



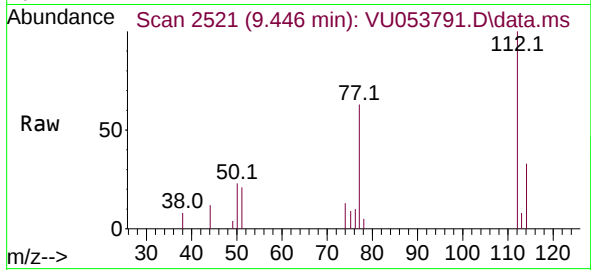
Tgt Ion:164 Resp: 1587
Ion Ratio Lower Upper
164 100
166 150.1 99.6 149.4#
129 83.8 78.6 117.8
131 72.5 73.4 110.0#





#59
Chlorobenzene
Concen: 0.187 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

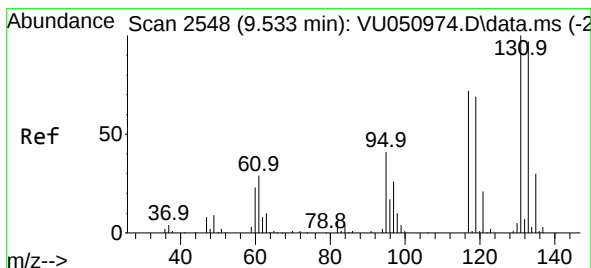
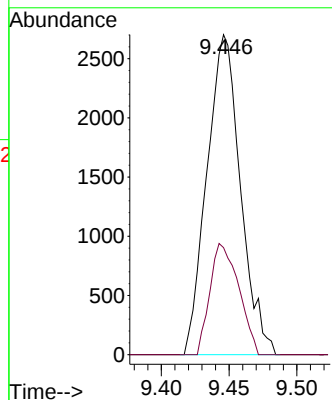
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:112 Resp: 465
Ion Ratio Lower Upper
112 100
114 33.5 25.6 38.4

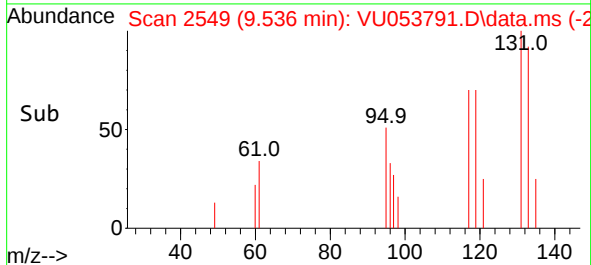
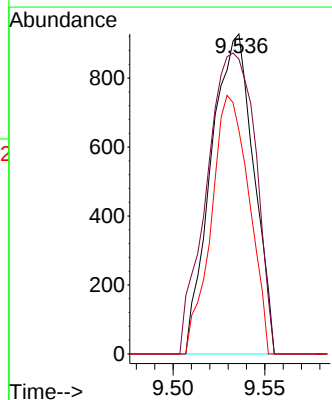
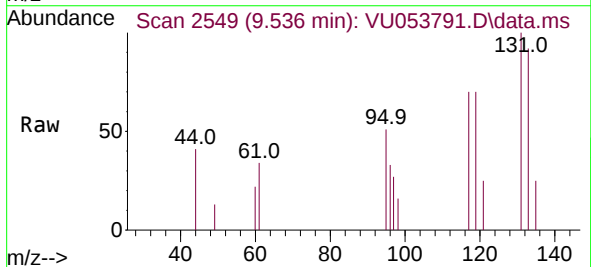
Manual Integrations
APPROVED

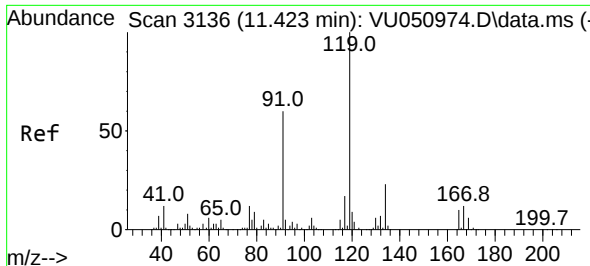
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.166 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion:131 Resp: 1495
Ion Ratio Lower Upper
131 100
133 108.0 77.8 116.6
119 71.8 55.2 82.8





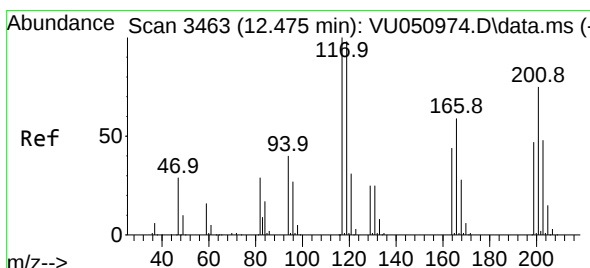
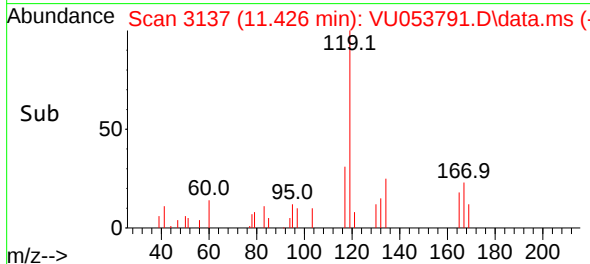
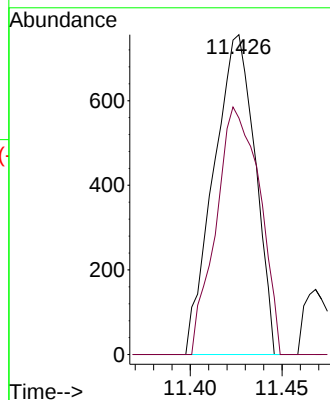
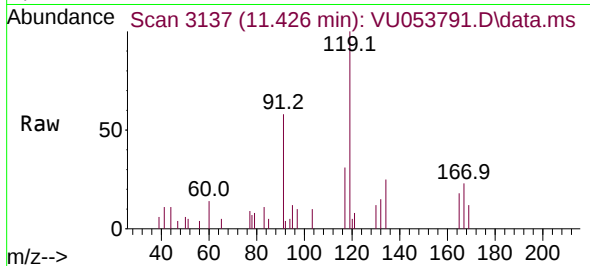
#61
Pentachloroethane
Concen: 0.171 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:117 Resp: 118
Ion Ratio Lower Upper
117 100
167 81.7 56.7 85.1

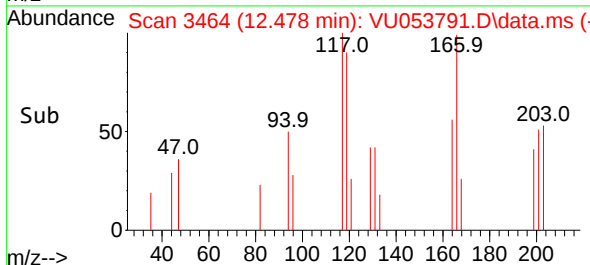
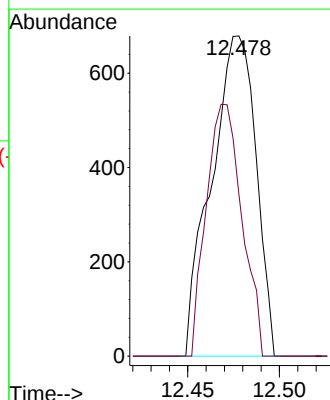
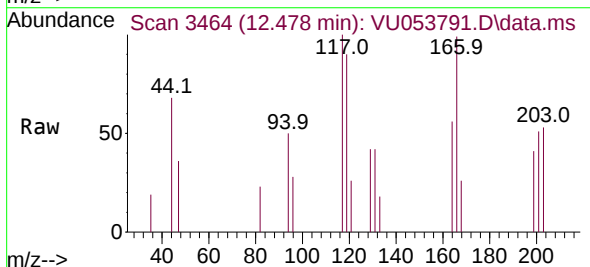
Manual Integrations
APPROVED

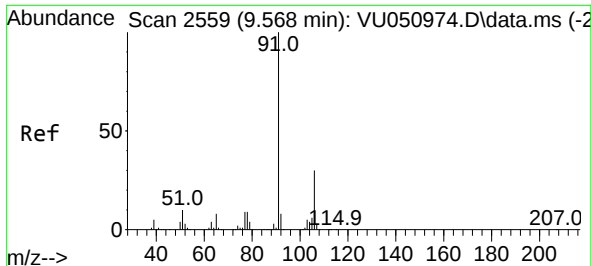
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#62
Hexachloroethane
Concen: 0.170 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion:117 Resp: 1152
Ion Ratio Lower Upper
117 100
201 62.6 59.6 89.4





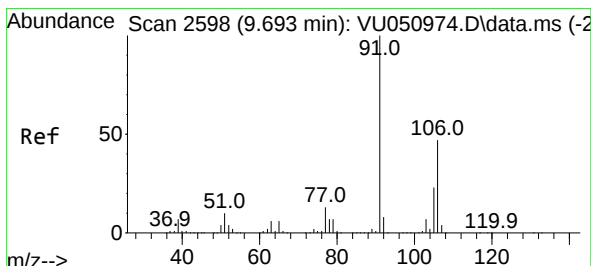
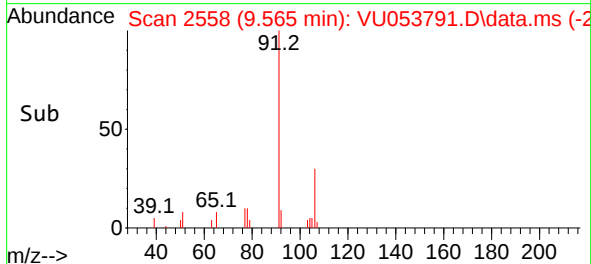
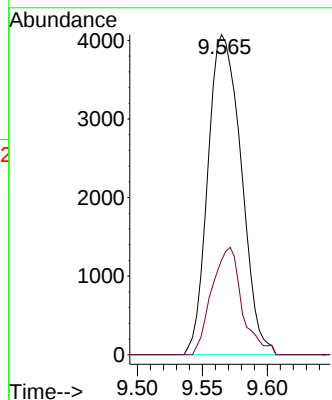
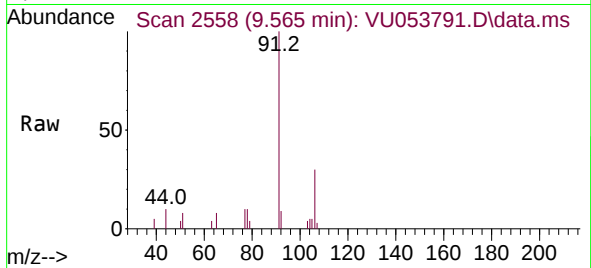
#63
Ethyl Benzene
Concen: 0.184 ug/l
RT: 9.565 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 726
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

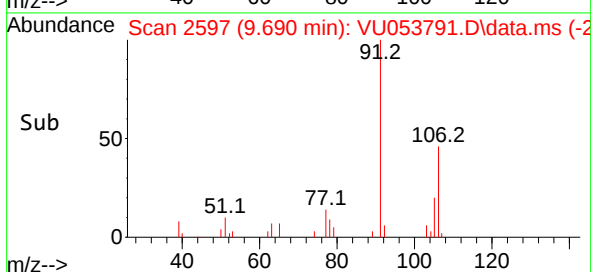
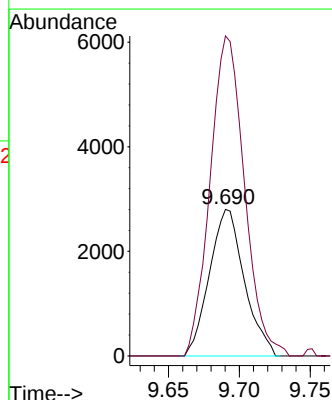
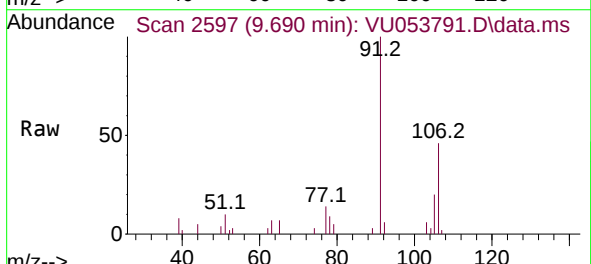
Manual Integrations
APPROVED

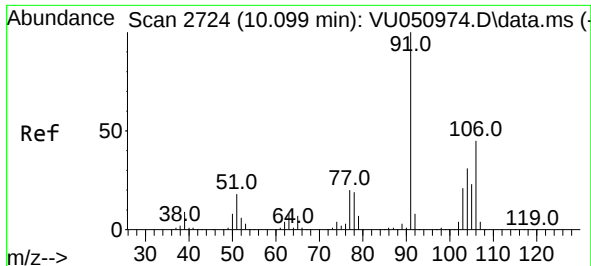
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#64
m/p-Xylenes
Concen: 0.309 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Tgt Ion:106 Resp: 4803
Ion Ratio Lower Upper
106 100
91 214.5 167.3 250.9





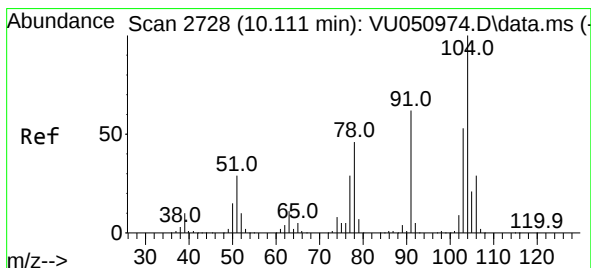
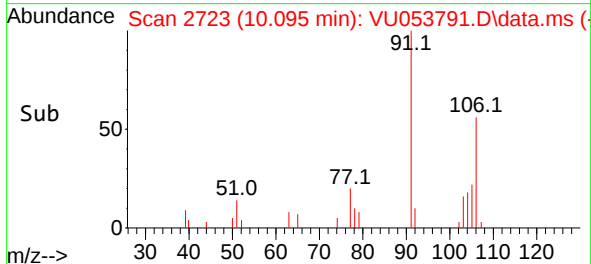
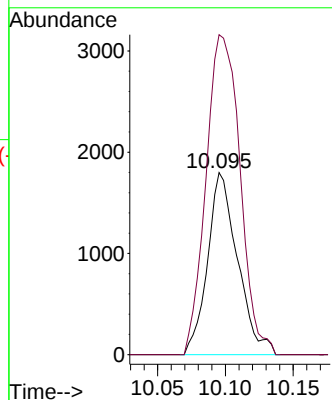
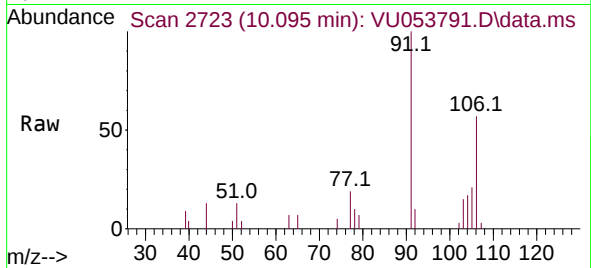
#65
o-Xylene
Concen: 0.177 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 2769
Ion Ratio Lower Upper
106 100
91 199.6 109.3 327.9

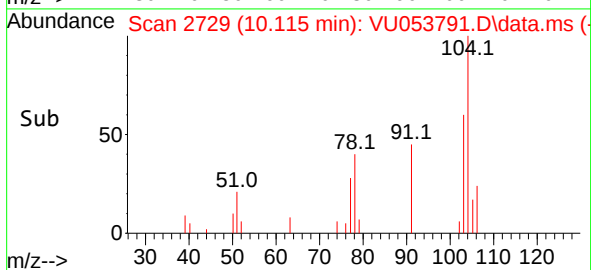
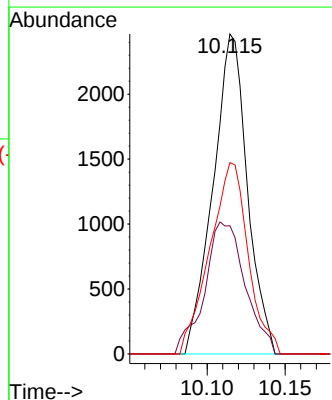
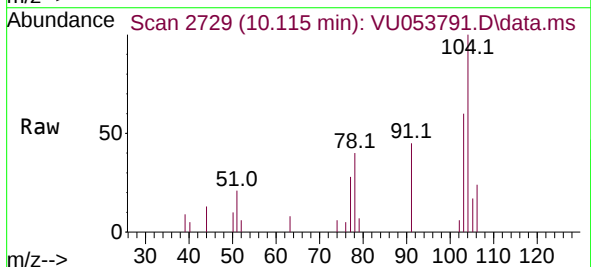
Manual Integrations
APPROVED

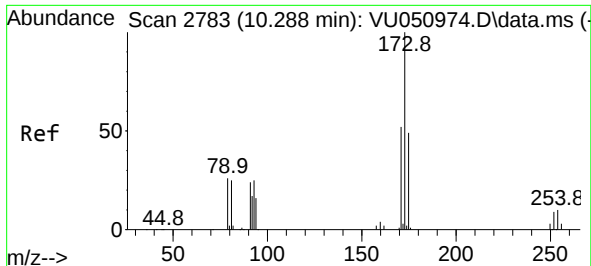
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#66
Styrene
Concen: 0.152 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

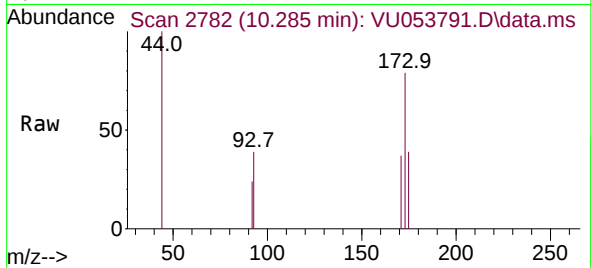
Tgt Ion:104 Resp: 3774
Ion Ratio Lower Upper
104 100
78 48.7 39.7 59.5
103 66.9 44.8 67.2





#67
Bromoform
Concen: 0.105 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

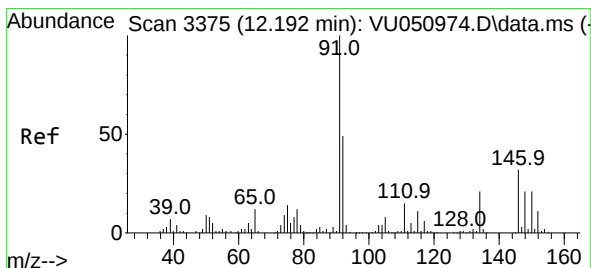
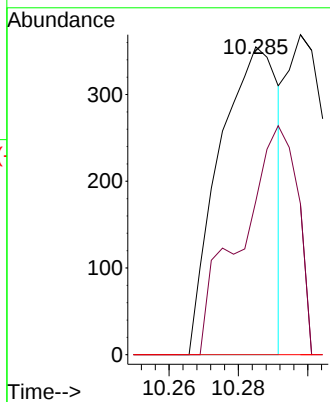
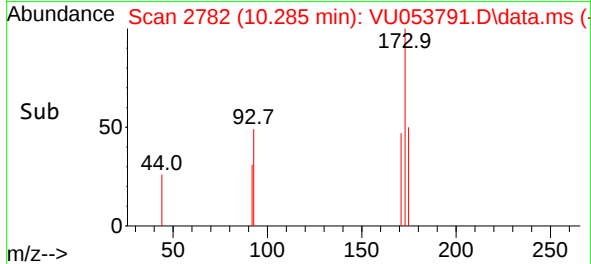
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



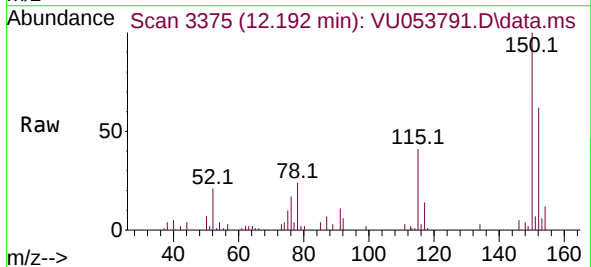
Tgt Ion:173 Resp: 419
Ion Ratio Lower Upper
173 100
175 71.8 39.0 58.6
254 0.0 7.4 11.0

Manual Integrations
APPROVED

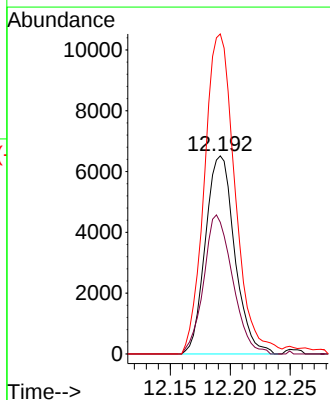
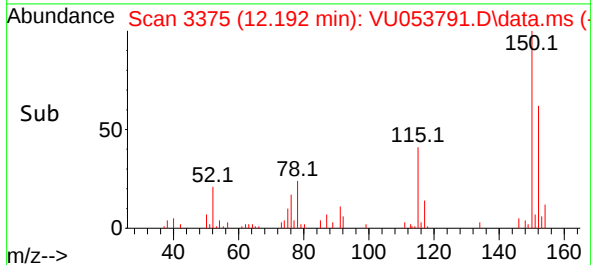
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

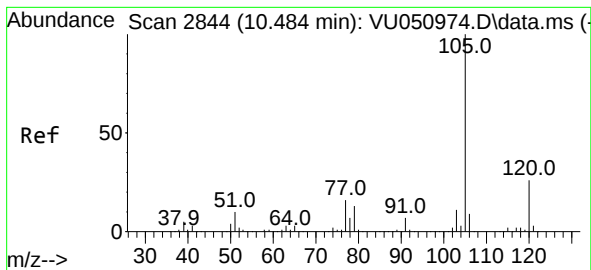


#68
1,2-Dichlorobenzene-d4
Concen: 0.824 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



Tgt Ion:152 Resp: 11058
Ion Ratio Lower Upper
152 100
115 69.2 0.0 308.8
150 168.7 0.0 635.0





#69

Isopropylbenzene

Concen: 0.155 ug/l

RT: 10.481 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 6340

Ion Ratio Lower Upper

105 100

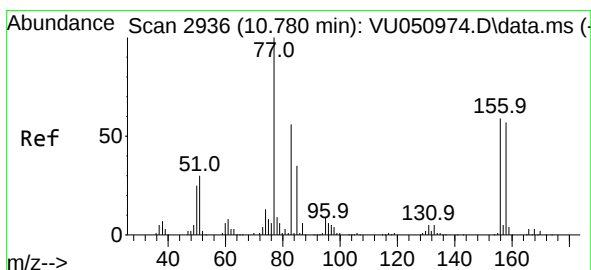
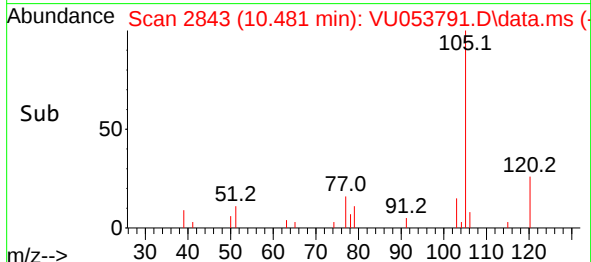
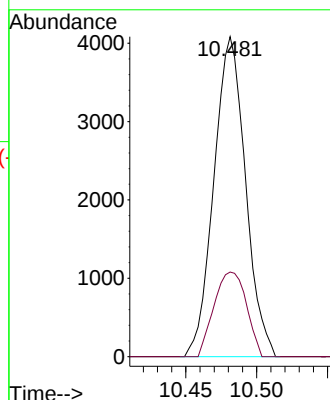
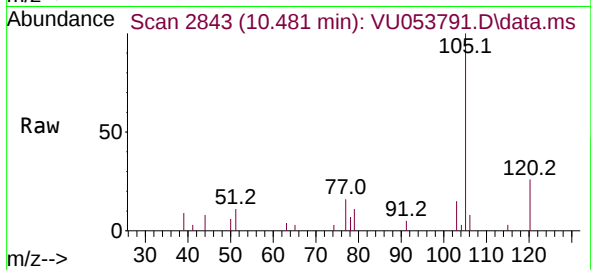
120 27.0 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 0.199 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053791.D

Acq: 19 Apr 2023 20:14

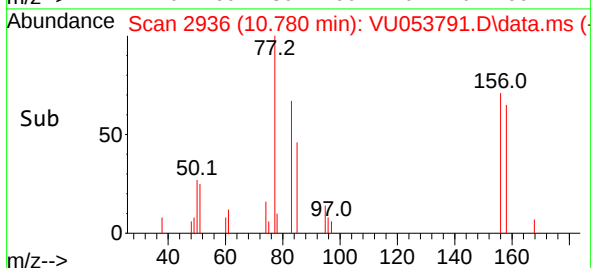
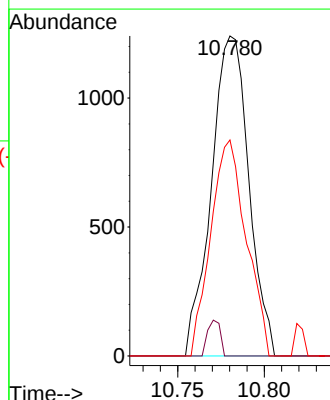
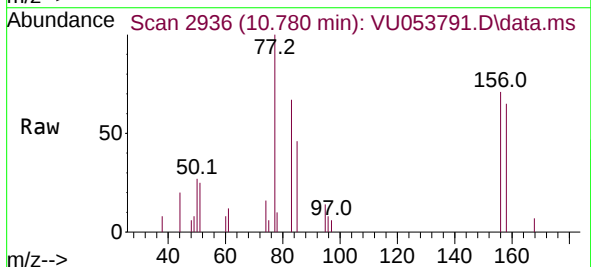
Tgt Ion: 83 Resp: 1871

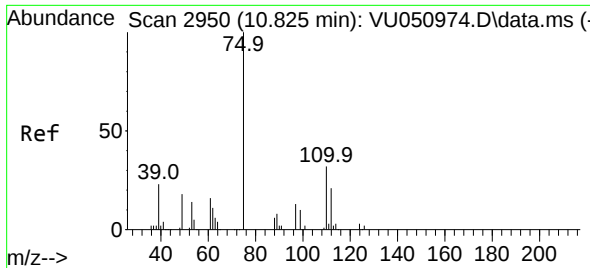
Ion Ratio Lower Upper

83 100

131 3.8 7.2 10.8#

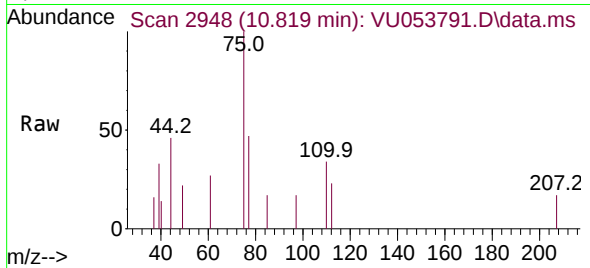
85 63.9 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.152 ug/l m
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

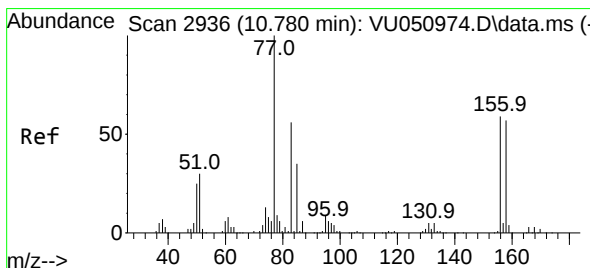
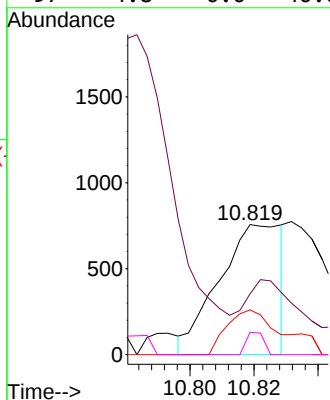
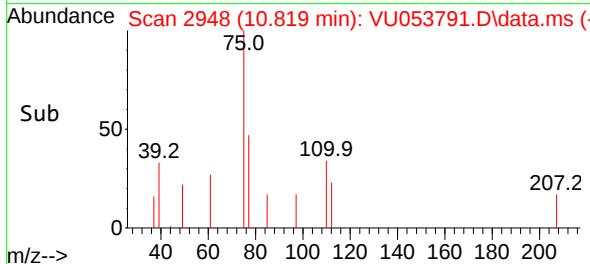
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



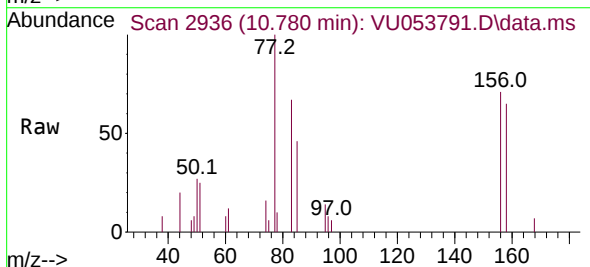
Tgt Ion: 75 Resp: 1028
Ion Ratio Lower Upper
75 100
77 59.6 0.0 116.4
110 30.9 0.0 74.6
97 4.8 0.0 40.0

Manual Integrations
APPROVED

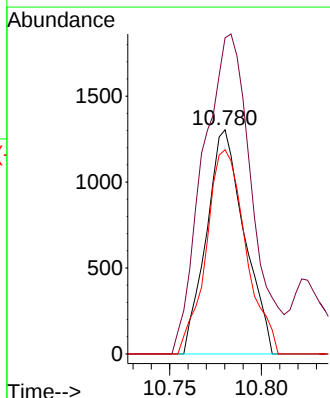
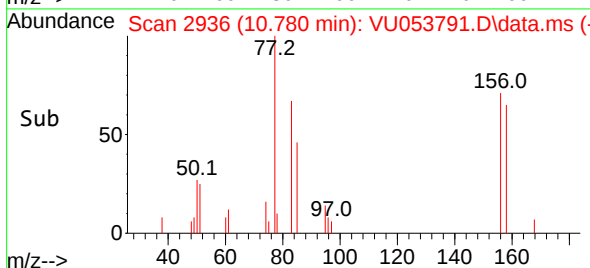
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

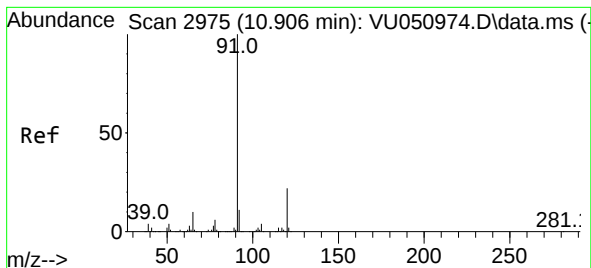


#72
Bromobenzene
Concen: 0.178 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



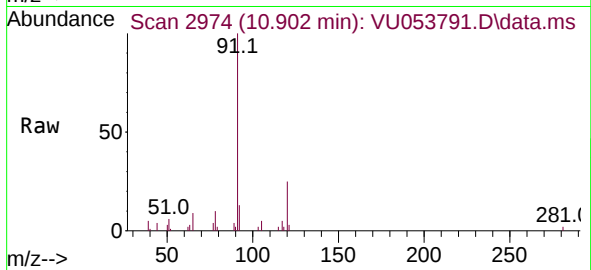
Tgt Ion:156 Resp: 1873
Ion Ratio Lower Upper
156 100
77 183.4 0.0 343.0
158 95.4 0.0 194.8





#73
n-propylbenzene
Concen: 0.301 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

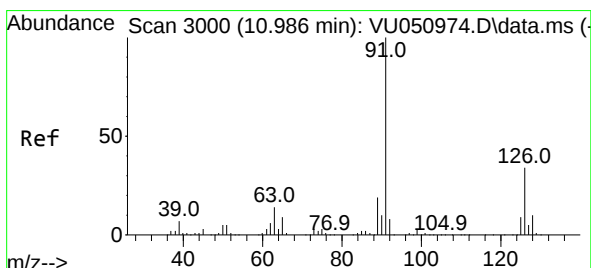
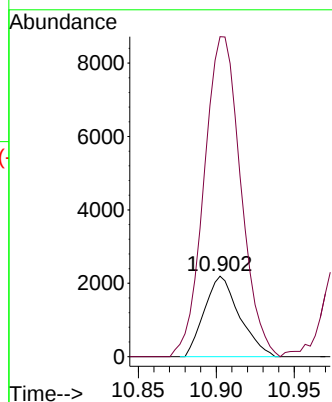
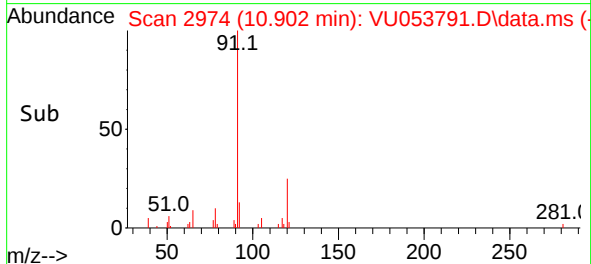
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:120 Resp: 341
Ion Ratio Lower Upper
120 100
91 417.8 369.8 554.6

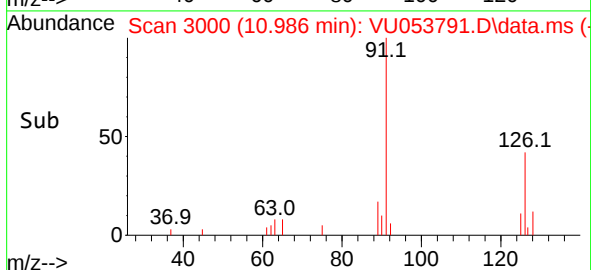
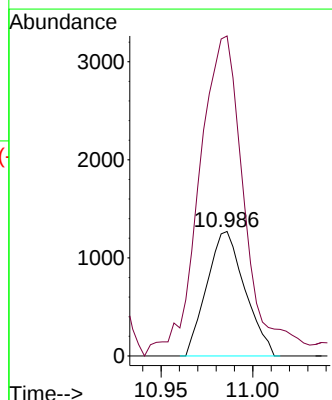
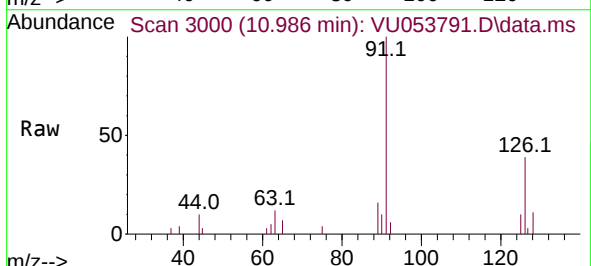
Manual Integrations
APPROVED

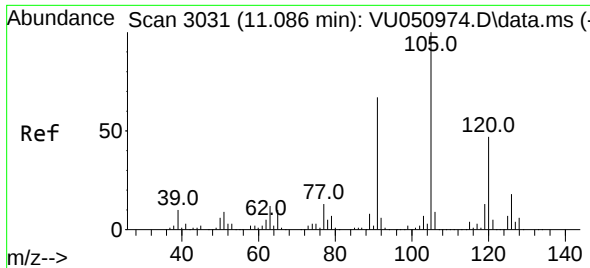
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#74
2-Chlorotoluene
Concen: 0.170 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

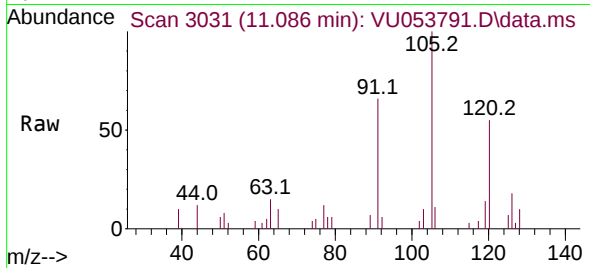
Tgt Ion:126 Resp: 1829
Ion Ratio Lower Upper
126 100
91 305.9 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.142 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

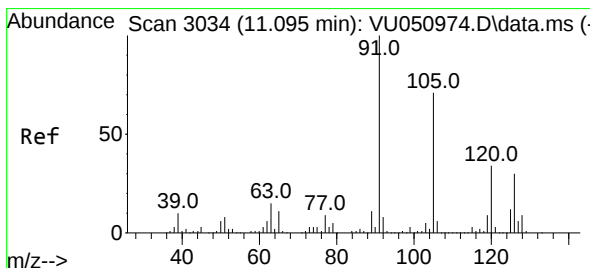
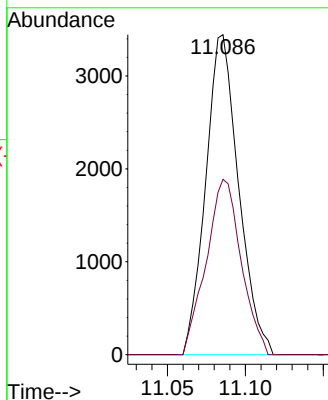
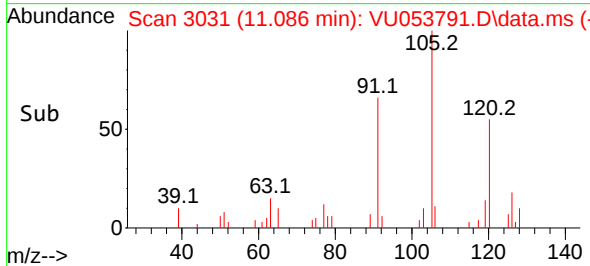
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



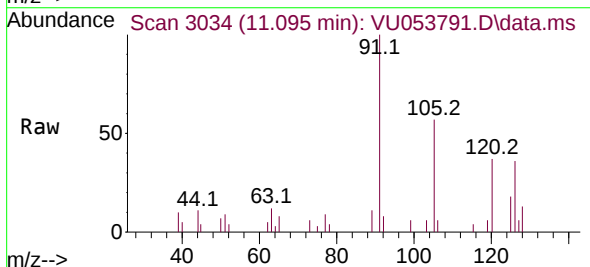
Tgt Ion:105 Resp: 505
Ion Ratio Lower Upper
105 100
120 58.2 37.8 56.8

Manual Integrations
APPROVED

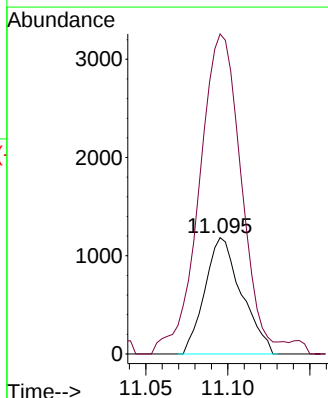
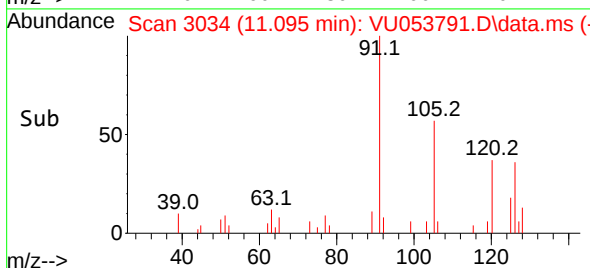
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

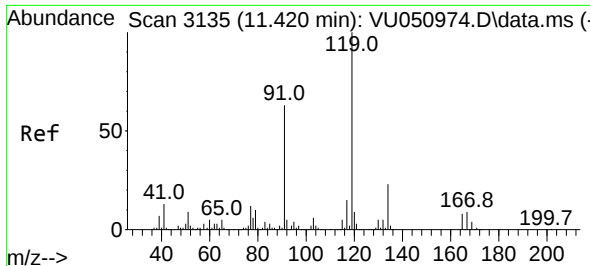


#76
4-Chlorotoluene
Concen: 0.168 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



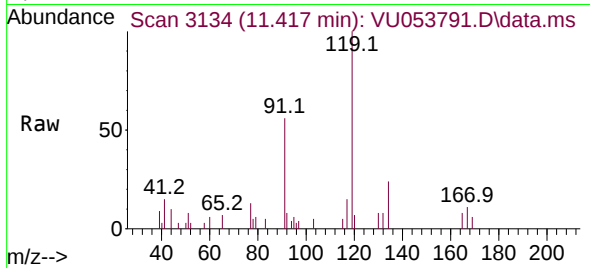
Tgt Ion:126 Resp: 1838
Ion Ratio Lower Upper
126 100
91 313.5 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.167 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

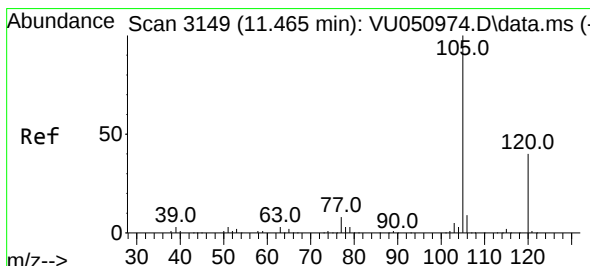
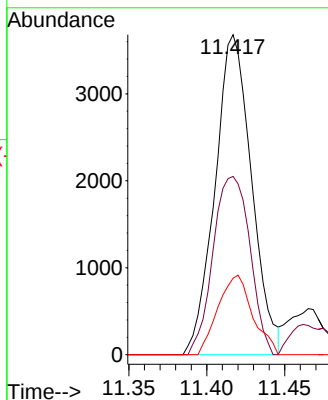
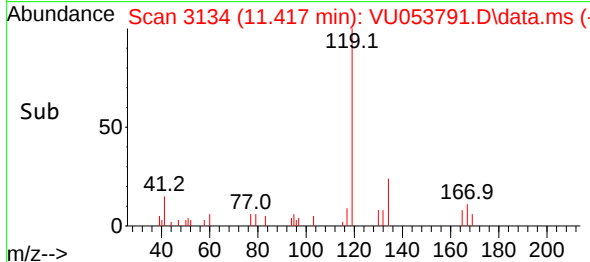
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



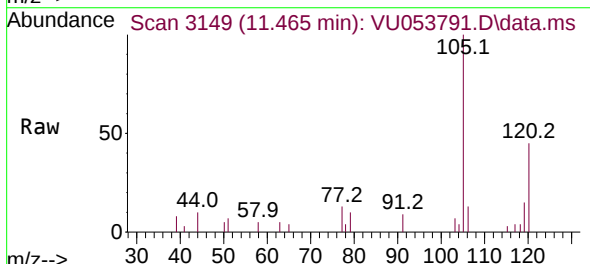
Tgt Ion:119 Resp: 6012
Ion Ratio Lower Upper
119 100
91 56.1 30.8 92.4
134 23.5 18.0 27.0

Manual Integrations
APPROVED

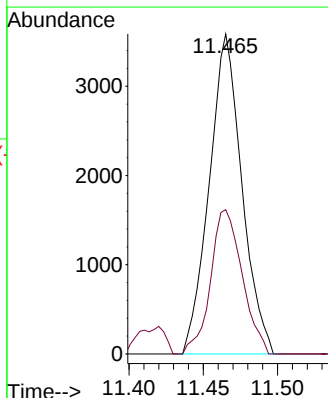
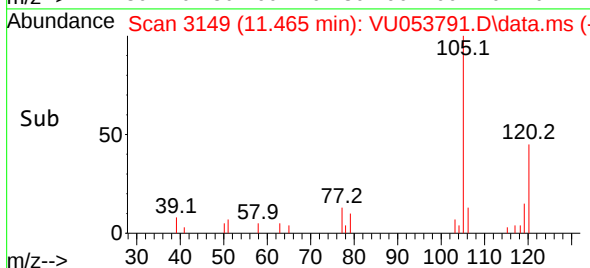
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

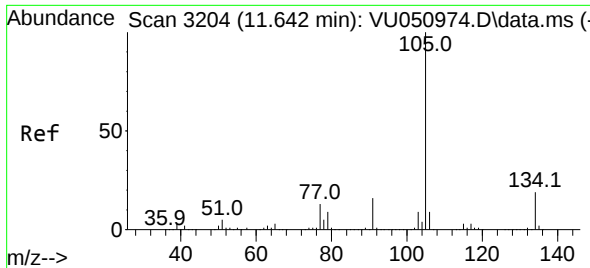


#78
1,2,4-Trimethylbenzene
Concen: 0.151 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



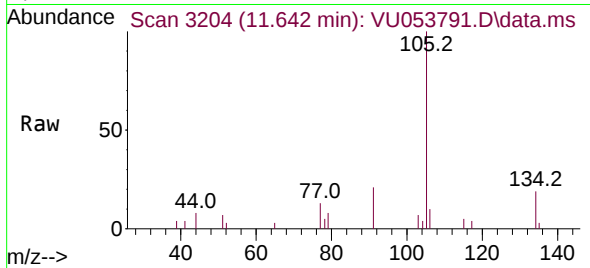
Tgt Ion:105 Resp: 5483
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.155 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14

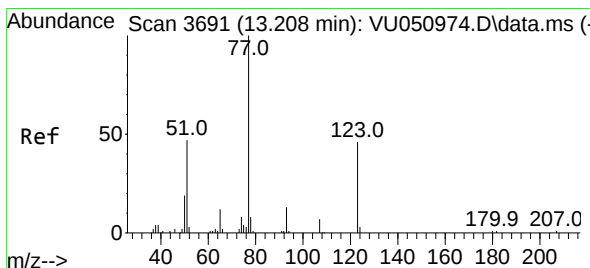
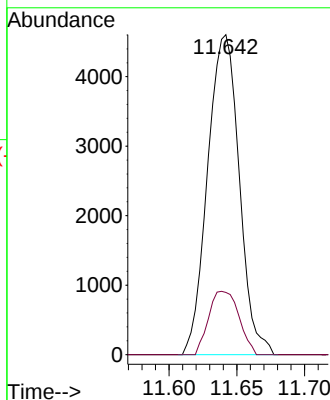
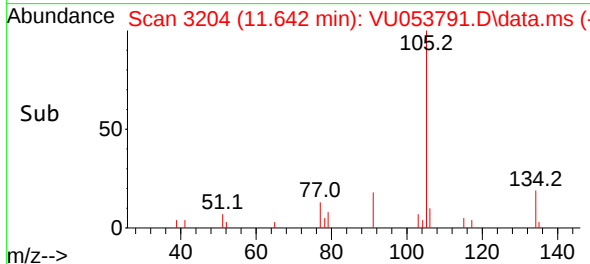
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



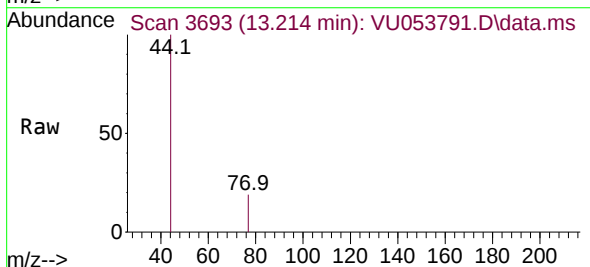
Tgt Ion:105 Resp: 7480
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3

Manual Integrations
 APPROVED

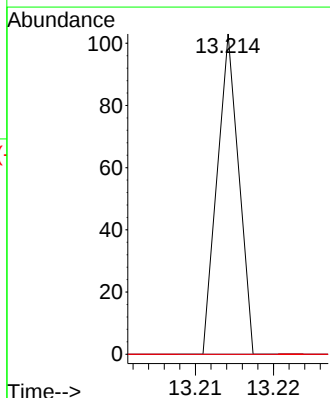
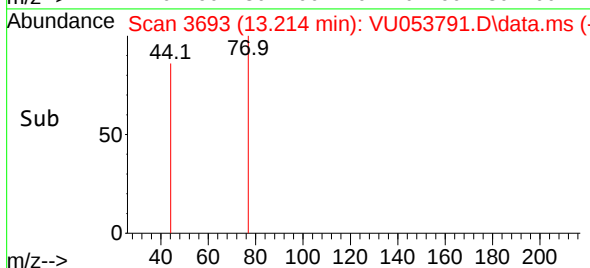
Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

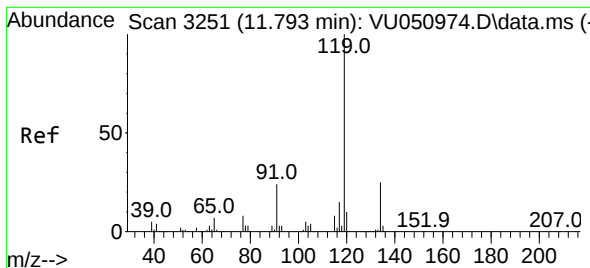


#80
 Nitrobenzene
 Concen: 0.067 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.013 min
 Lab File: VU053791.D
 Acq: 19 Apr 2023 20:14



Tgt Ion: 77 Resp: 20
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





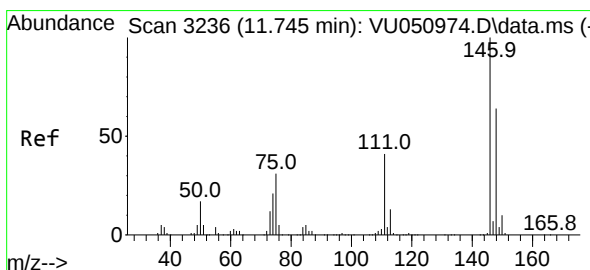
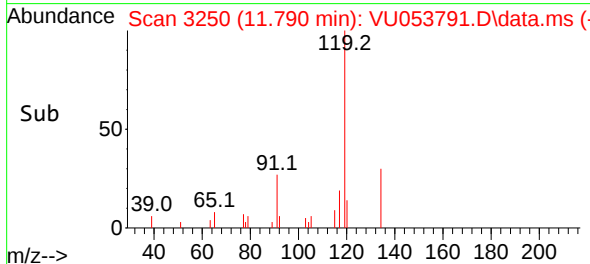
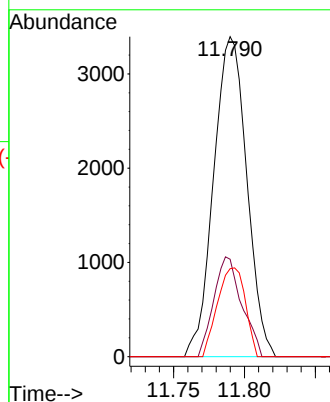
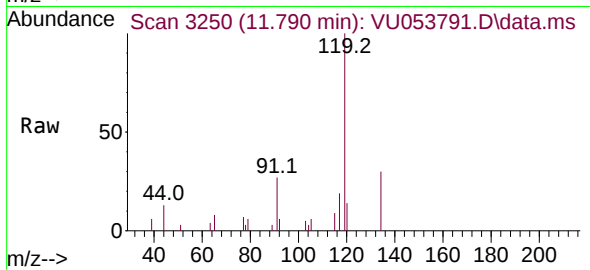
#81
p-Isopropyltoluene
Concen: 0.140 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:119 Resp: 551
Ion Ratio Lower Upper
119 100
134 26.4 20.2 30.4
91 23.3 19.3 28.9

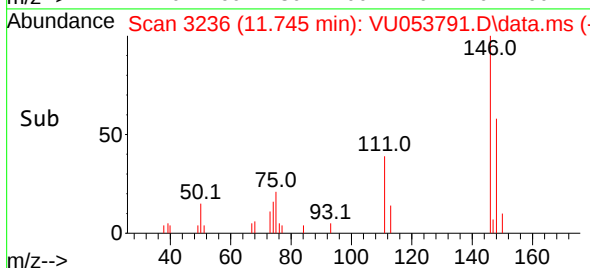
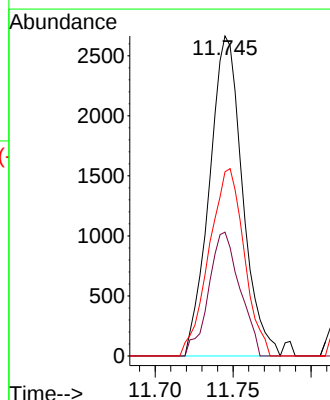
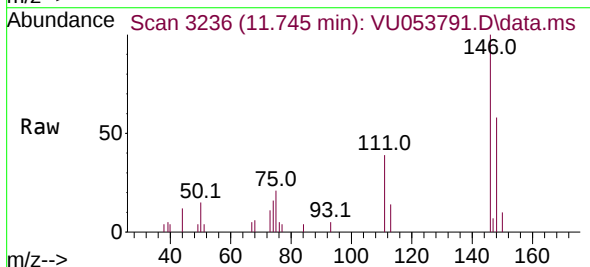
Manual Integrations
APPROVED

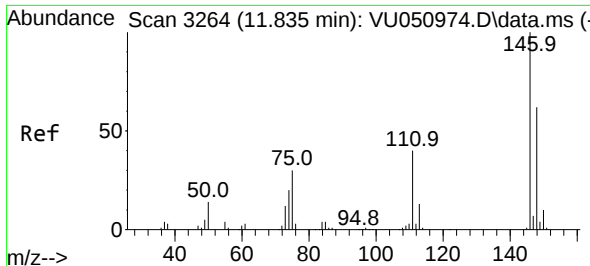
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#82
1,3-Dichlorobenzene
Concen: 0.175 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

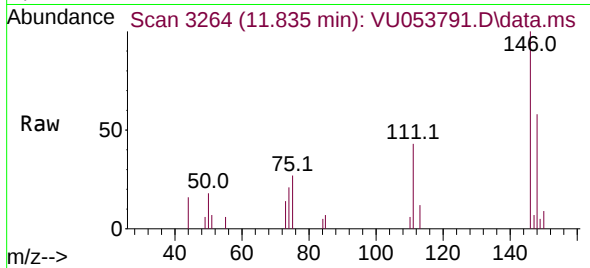
Tgt Ion:146 Resp: 3930
Ion Ratio Lower Upper
146 100
111 36.5 32.6 49.0
148 62.1 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.178 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

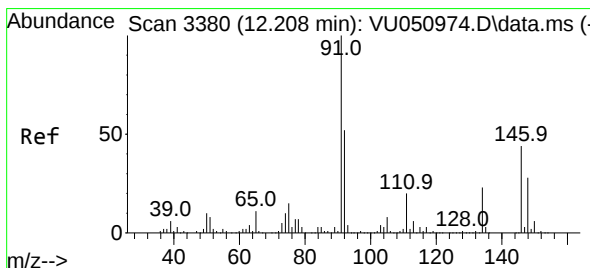
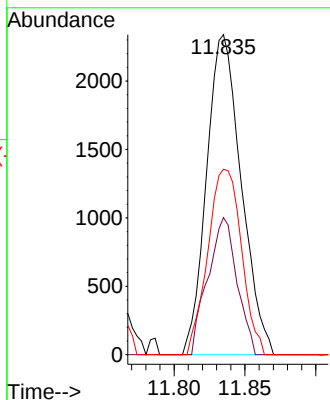
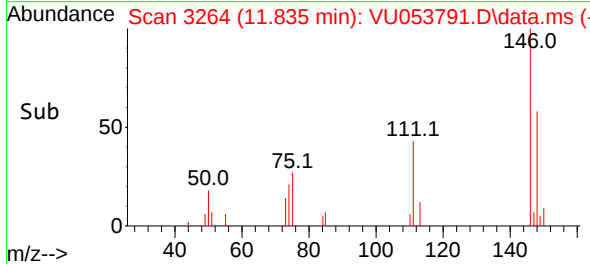
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



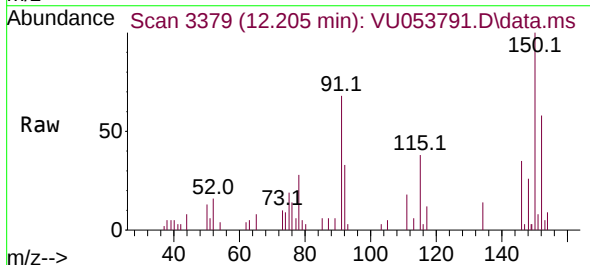
Tgt Ion:146 Resp: 398
Ion Ratio Lower Upper
146 100
111 36.0 31.6 47.4
148 56.3 50.3 75.5

Manual Integrations
APPROVED

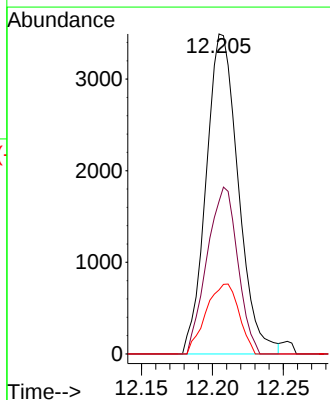
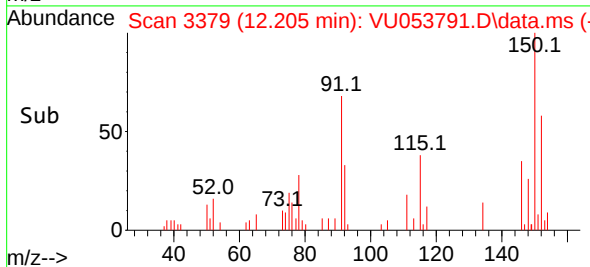
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

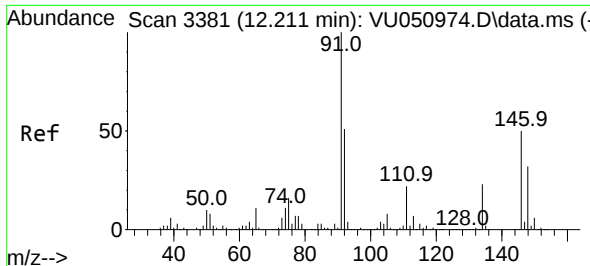


#84
n-Butylbenzene
Concen: 0.387 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



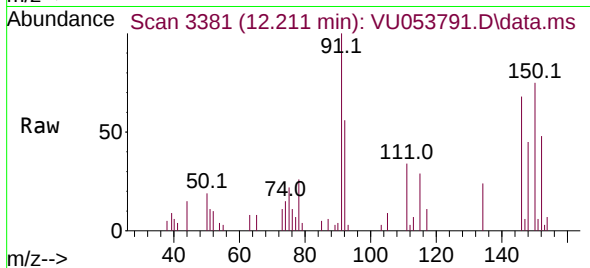
Tgt Ion: 91 Resp: 5520
Ion Ratio Lower Upper
91 100
92 49.6 40.8 61.2
134 22.2 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.158 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

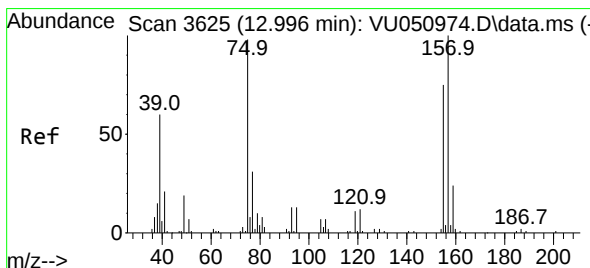
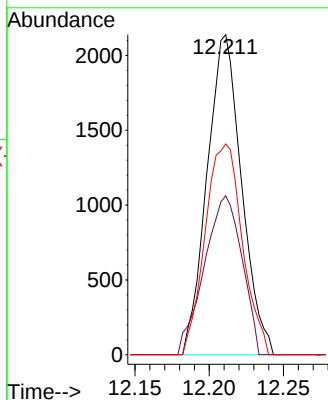
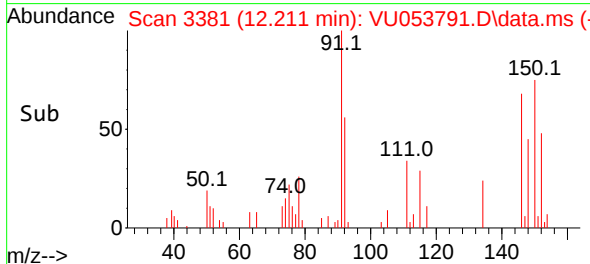
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



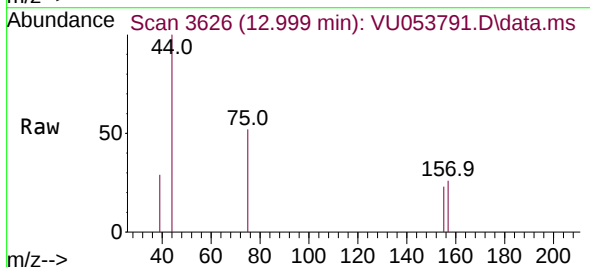
Tgt Ion:146 Resp: 3450
Ion Ratio Lower Upper
146 100
111 54.1 21.6 64.6
148 71.0 32.1 96.5

Manual Integrations
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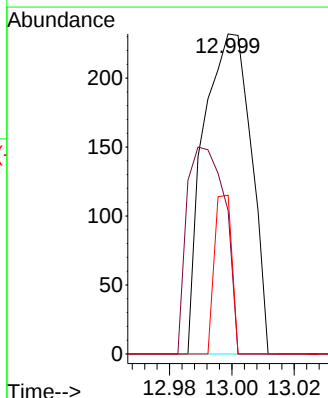
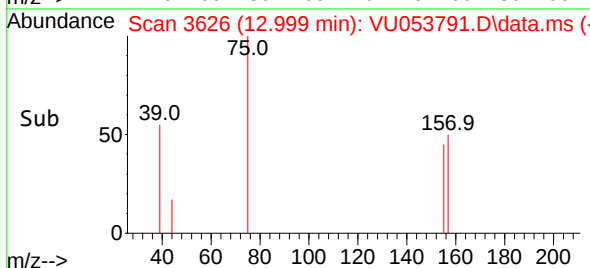
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

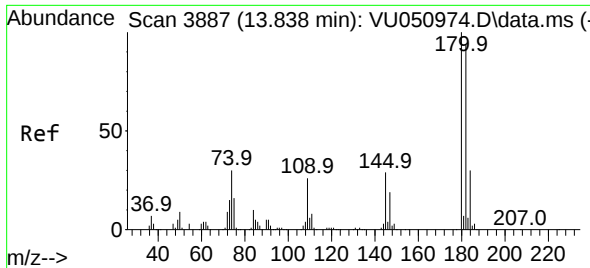


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.185 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



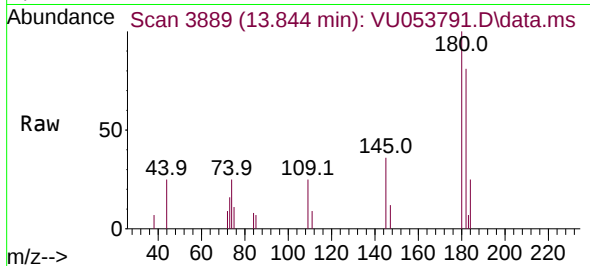
Tgt Ion: 75 Resp: 245
Ion Ratio Lower Upper
75 100
155 51.8 61.8 92.8#
157 18.0 80.2 120.4#





#87
1,2,4-Trichlorobenzene
Concen: 0.172 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.009 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

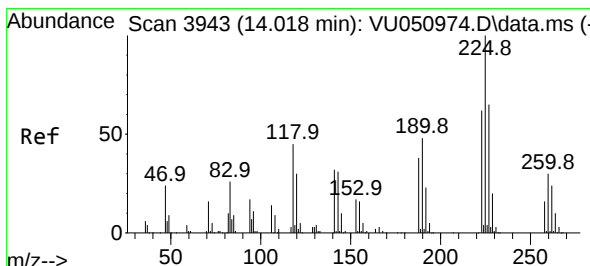
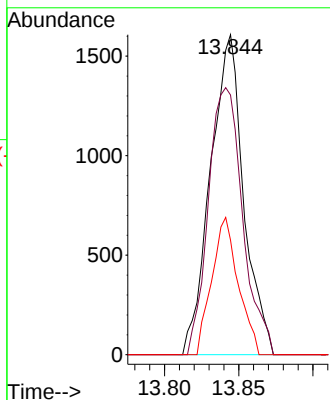
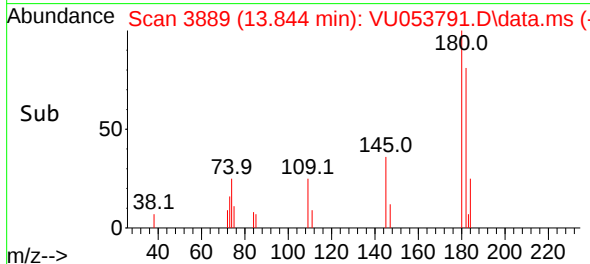
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:180 Resp: 2499
Ion Ratio Lower Upper
180 100
182 86.4 75.8 113.6
145 34.1 23.9 35.9

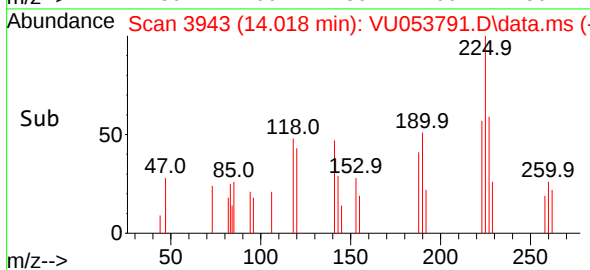
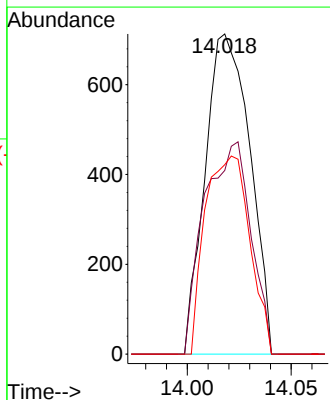
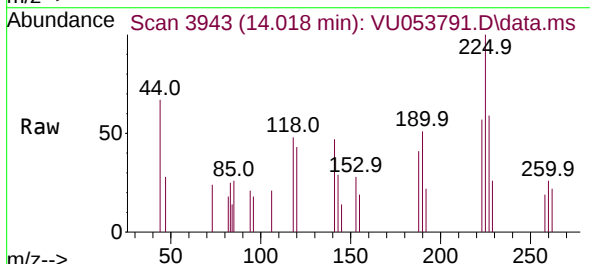
Manual Integrations
APPROVED

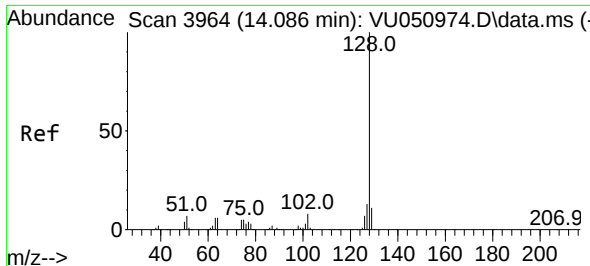
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#88
Hexachlorobutadiene
Concen: 0.138 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

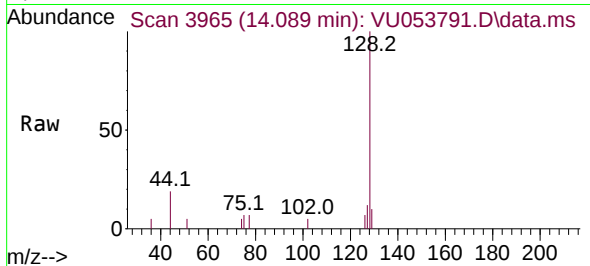
Tgt Ion:225 Resp: 1068
Ion Ratio Lower Upper
225 100
223 68.9 50.2 75.4
227 61.5 51.5 77.3





#89
Naphthalene
Concen: 0.167 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.007 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14

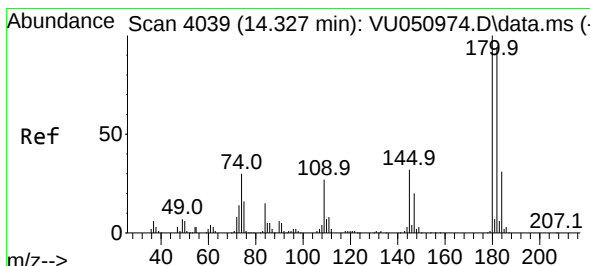
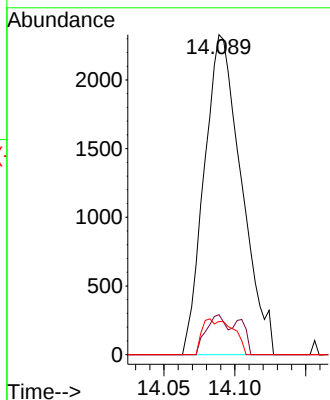
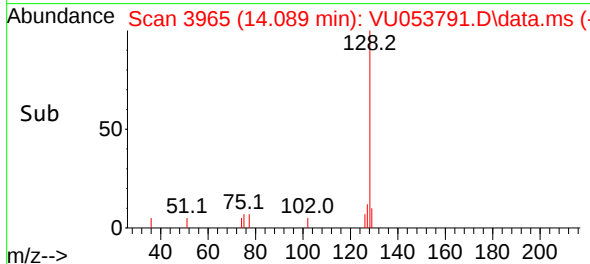
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



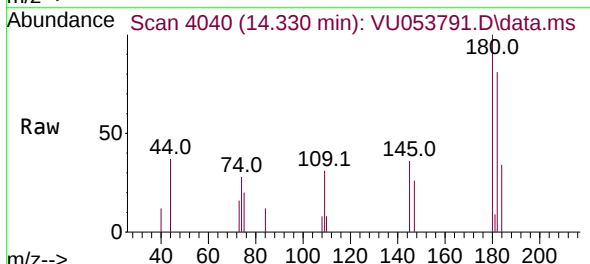
Tgt Ion:128 Resp: 423
Ion Ratio Lower Upper
128 100
127 6.8 10.9 16.3
129 9.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.153 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.006 min
Lab File: VU053791.D
Acq: 19 Apr 2023 20:14



Tgt Ion:180 Resp: 2105
Ion Ratio Lower Upper
180 100
182 85.8 75.7 113.5
145 25.3 26.1 39.1#

