

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054853.D
 Acq On : 24 Jul 2023 12:14
 Operator : MD/SY
 Sample : 03572-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 25 05:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 25 05:02:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/25/2023
 Supervised By :Mahesh
 Dadoda
 07/31/2023

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

Internal Standards						
1) Fluorobenzene	6.113	96	27574	1.000 ug/l	#	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8860	1.064 ug/l		0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9508	0.986 ug/l		0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1917	0.301 ug/l	#	79
4) Vinyl Chloride	1.602	62	1785	0.218 ug/l		90
5) Bromomethane	1.856	94	1533	0.264 ug/l	#	75
6) Chloroethane	1.930	64	2127	0.275 ug/l		99
7) Trichlorofluoromethane	2.129	101	9374	0.473 ug/l		97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	1180	0.208 ug/l		88
9) 1,1-Dichloroethene	2.570	96	1175	0.248 ug/l		74
11) Allyl Chloride	2.917	41	1334	0.240 ug/l		97
13) Acetone	2.653	43	1709m	1.727 ug/l		
14) Carbon Disulfide	2.789	76	2076	0.260 ug/l	#	64
15) Methylene Chloride	3.039	84	4697	0.531 ug/l		90
16) trans-1,2-Dichloroethene	3.351	96	1349	0.256 ug/l	#	55
17) 1,1-Dichloroethane	3.869	63	2824	0.253 ug/l	#	81
18) 2-Butanone	4.779	43	1608m	1.111 ug/l		
19) Cyclohexane	5.390	56	1831m	0.284 ug/l		
20) Methylcyclohexane	6.759	83	1988	0.232 ug/l	#	88
21) 2,2-Dichloropropane	4.650	77	2176	0.224 ug/l	#	55
23) Diethyl Ether	2.371	59	1637	0.225 ug/l	#	86
24) tert-Butyl Alcohol	3.306	59	215m	0.342 ug/l		
25) Methyl tert-Butyl Ether	3.364	73	3504	0.242 ug/l		94
27) Chloroform	5.084	83	2873	0.234 ug/l		97
28) 1,1,1-Trichloroethane	5.309	97	2164	0.210 ug/l		79
29) 1,1-Dichloropropene	5.522	75	1661m	0.227 ug/l		
31) Isopropyl Ether	3.994	45	3466	0.210 ug/l		94
32) Ethyl-t-butyl ether	4.499	59	3844	0.227 ug/l	#	73
33) Tert-Amyl methyl ether	5.936	73	3959	0.248 ug/l	#	61
35) Benzene	5.772	78	5646	0.237 ug/l	#	81
36) 1,2-Dichloroethane	5.804	62	1437	0.210 ug/l	#	73
37) Trichloroethene	6.541	130	1377	0.214 ug/l		86
38) 1,2-Dichloropropane	6.785	63	1517	0.221 ug/l	#	76
39) Methacrylonitrile	5.001	41	374m	0.243 ug/l		
41) Tetrahydrofuran	5.087	42	347m	0.381 ug/l		
42) 1-Chlorobutane	5.451	56	2177m	0.220 ug/l		
43) Dibromomethane	6.920	93	748	0.234 ug/l	#	65
44) Bromodichloromethane	7.113	83	1837m	0.210 ug/l		
45) 4-Methyl-2-Pentanone	7.798	43	4185	1.106 ug/l		98
46) t-1,4-Dichloro-2-butene	10.849	75	380m	0.240 ug/l		
47) Methyl methacrylate	6.972	69	1303	0.434 ug/l	#	94
49) Toluene	7.972	92	3389	0.223 ug/l		89
50) t-1,3-Dichloropropene	8.206	75	1589	0.205 ug/l		96
51) cis-1,3-Dichloropropene	7.605	75	1897	0.201 ug/l		92
53) 1,3-Dichloropropane	8.576	76	1918	0.236 ug/l		96
54) 2-Hexanone	8.698	43	3209	1.216 ug/l		88

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Reviewed By :John

Carlone

07/25/2023

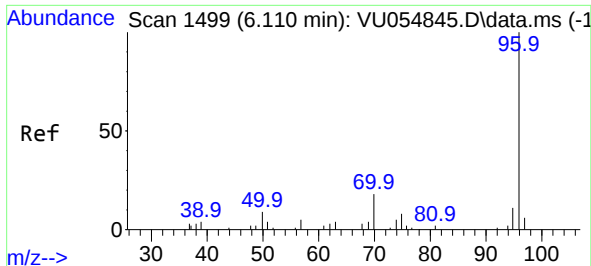
Supervised By :Mahesh

Dadoda

07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Dibromochloromethane	8.811	129	1226	0.213	ug/l	86
58) Tetrachloroethene	8.550	164	1307	0.233	ug/l	93
59) Chlorobenzene	9.447	112	3981	0.220	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.531	131	1314	0.206	ug/l #	84
61) Pentachloroethane	11.422	117	1132	0.225	ug/l	88
63) Ethyl Benzene	9.566	91	7120	0.231	ug/l	97
64) m/p-Xylenes	9.698	106	5372	0.460	ug/l	90
65) o-Xylene	10.100	106	2571	0.219	ug/l	98
66) Styrene	10.116	104	4917	0.260	ug/l	95
67) Bromoform	10.283	173	671	0.216	ug/l #	83
69) Isopropylbenzene	10.480	105	7769	0.244	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.782	83	1460	0.243	ug/l	94
71) 1,2,3-Trichloropropane	10.830	75	1411	0.333	ug/l #	46
72) Bromobenzene	10.788	156	1676	0.228	ug/l	88
73) n-propylbenzene	10.907	120	1769	0.206	ug/l	79
74) 2-Chlorotoluene	10.984	126	1897	0.254	ug/l	95
75) 1,3,5-Trimethylbenzene	11.087	105	5724	0.220	ug/l	97
76) 4-Chlorotoluene	11.100	126	1819	0.237	ug/l	90
77) tert-Butylbenzene	11.418	119	5952	0.222	ug/l	96
78) 1,2,4-Trimethylbenzene	11.467	105	6110	0.234	ug/l	97
79) sec-Butylbenzene	11.640	105	7999	0.230	ug/l	98
80) Nitrobenzene	13.219	77	45	0.258	ug/l #	19
81) p-Isopropyltoluene	11.788	119	6515	0.230	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	3793	0.257	ug/l	99
83) 1,4-Dichlorobenzene	11.840	146	3792	0.257	ug/l	95
84) n-Butylbenzene	12.206	91	7154	0.275	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	3841	0.274	ug/l	99
87) 1,2,4-Trichlorobenzene	13.840	180	3288	0.366	ug/l	94
88) Hexachlorobutadiene	14.010	225	1315	0.274	ug/l #	88
89) Naphthalene	14.090	128	7189	0.494	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	2967	0.382	ug/l	93

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

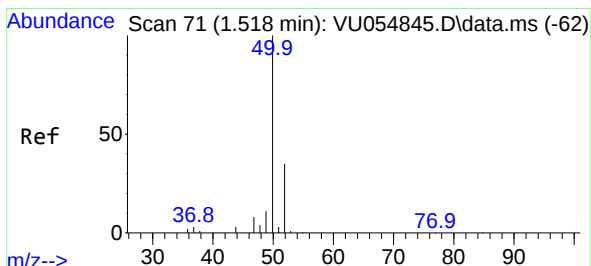
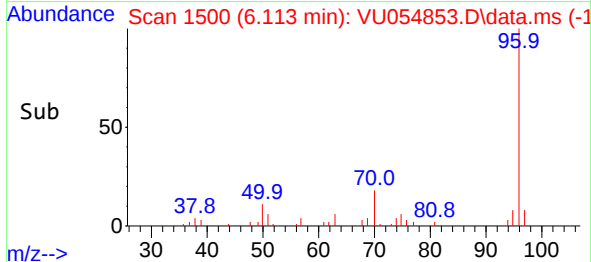
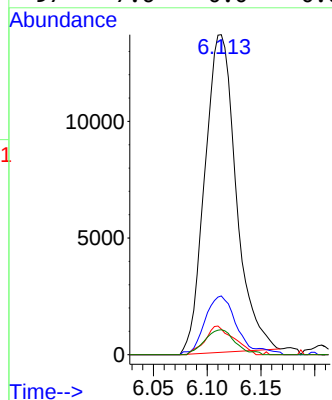
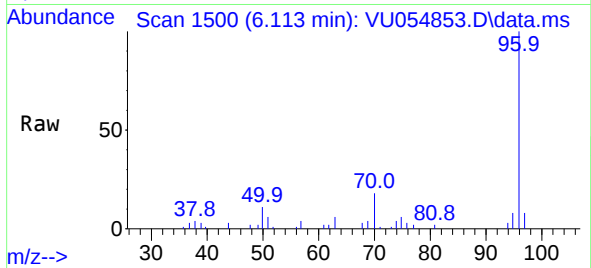
Tgt Ion: 96 Resp: 27574

Ion	Ratio	Lower	Upper
96	100		
70	19.0	14.0	21.0
95	8.3	8.7	13.1
97	7.6	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

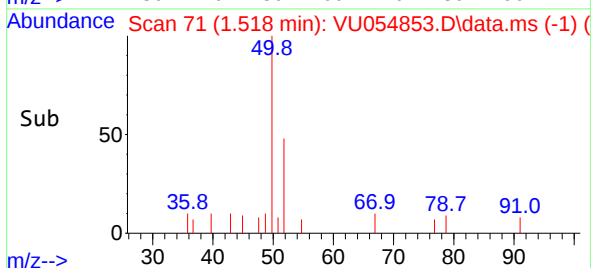
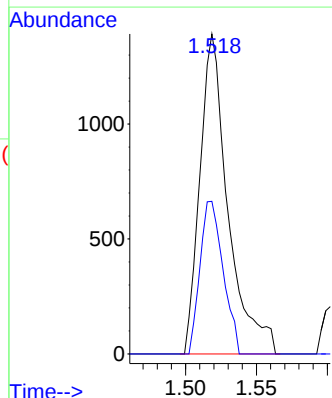
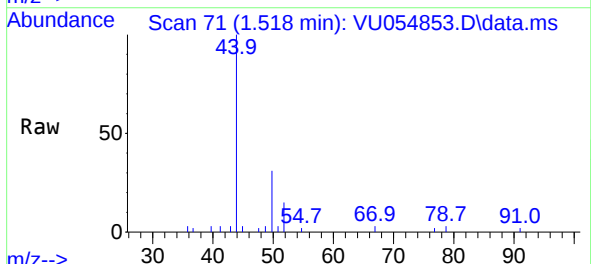
Supervised By :Mahesh
Dadoda
07/31/2023

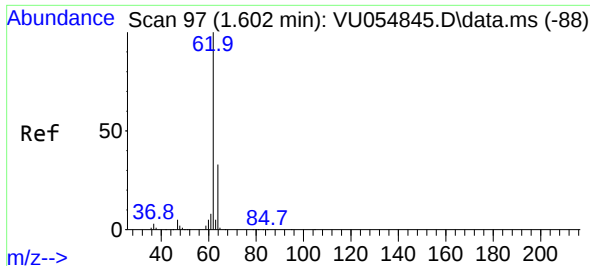


#3
Chloromethane
Concen: 0.301 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion: 50 Resp: 1917

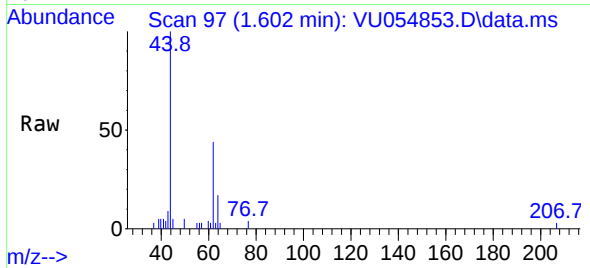
Ion	Ratio	Lower	Upper
50	100		
52	47.7	28.2	42.2





#4
 Vinyl Chloride
 Concen: 0.218 ug/l
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU054853.D
 Acq: 24 Jul 2023 12:14

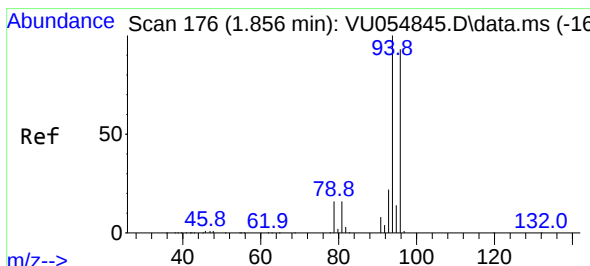
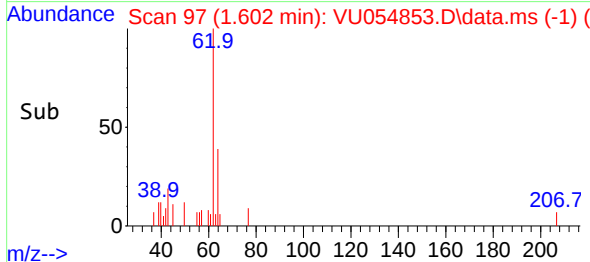
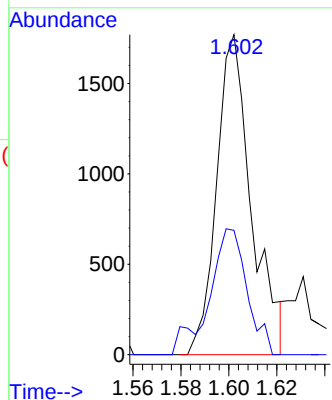
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 62 Resp: 178
 Ion Ratio Lower Upper
 62 100
 64 38.9 26.4 39.6

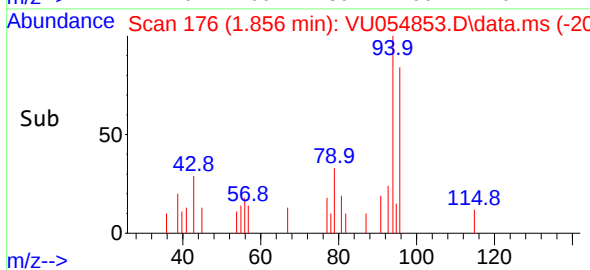
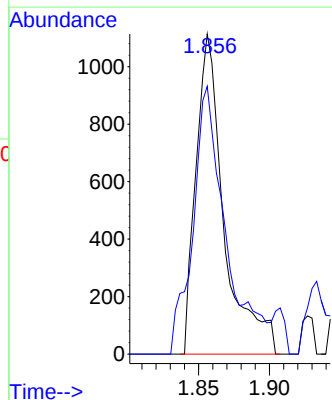
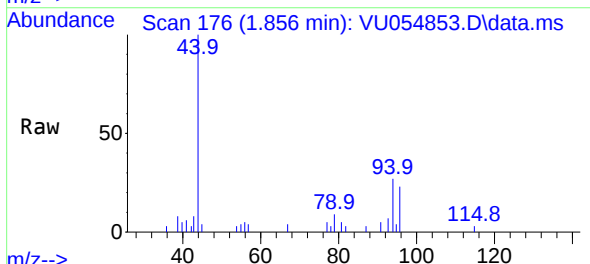
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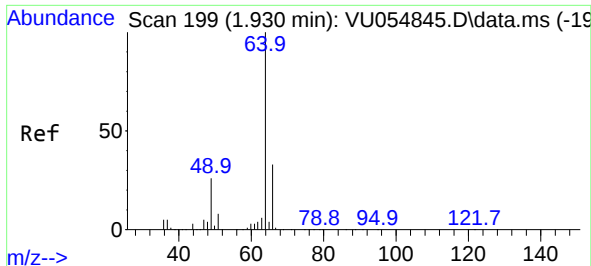
Reviewed By :John
 Carlone
 07/25/2023
 Supervised By :Mahesh
 Dadoda
 07/31/2023



#5
 Bromomethane
 Concen: 0.264 ug/l
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU054853.D
 Acq: 24 Jul 2023 12:14

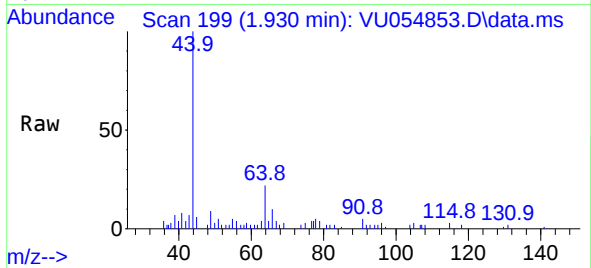
Tgt Ion: 94 Resp: 1533
 Ion Ratio Lower Upper
 94 100
 96 69.2 74.6 111.8#





#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

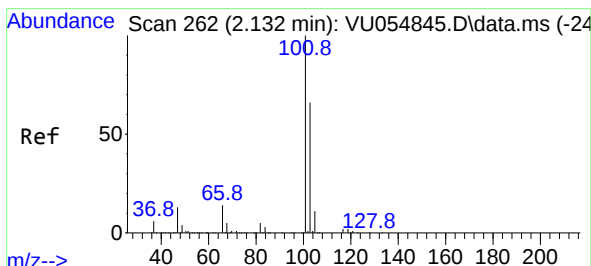
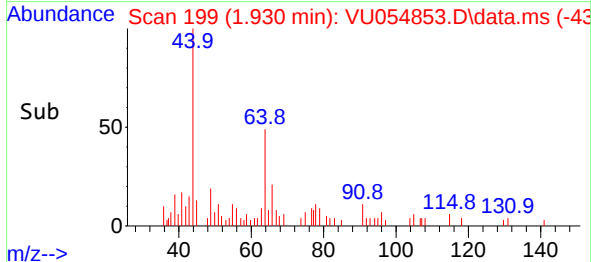
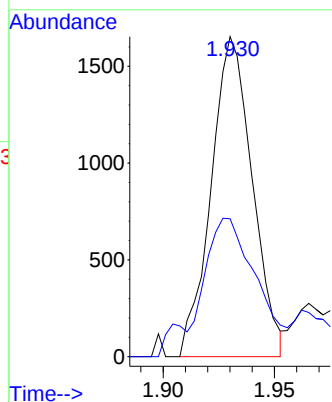
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4

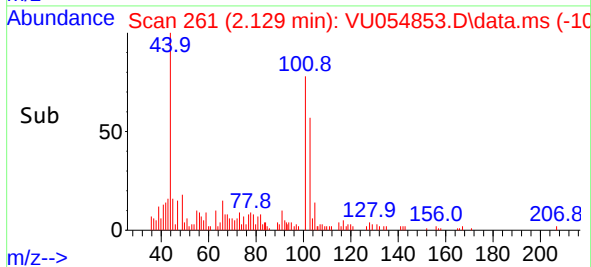
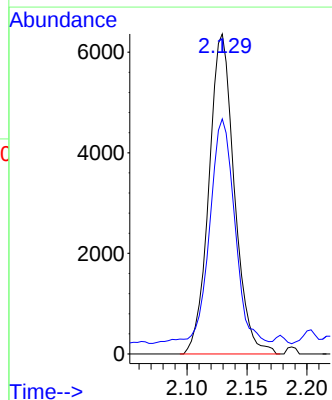
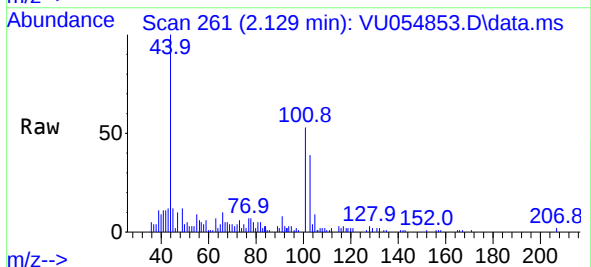
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023

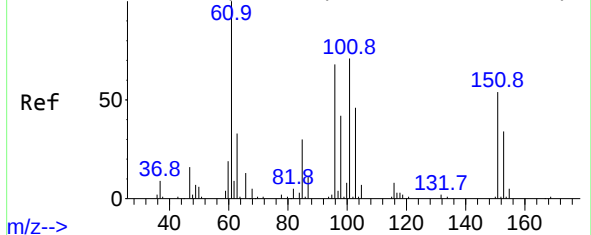


#7
Trichlorofluoromethane
Concen: 0.473 ug/l
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

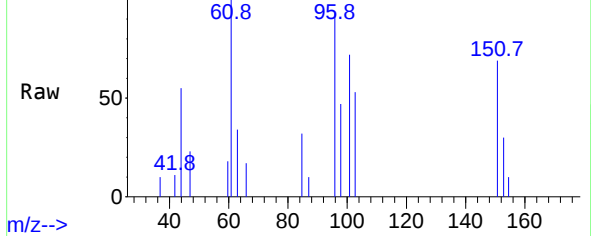
Tgt Ion:101 Resp: 9374
Ion Ratio Lower Upper
101 100
103 68.8 52.9 79.3



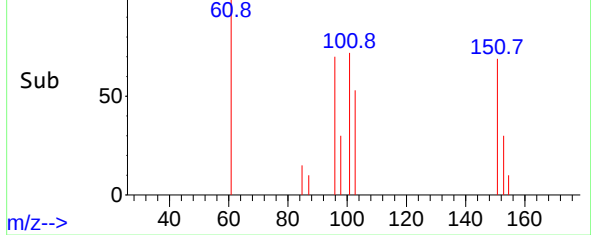
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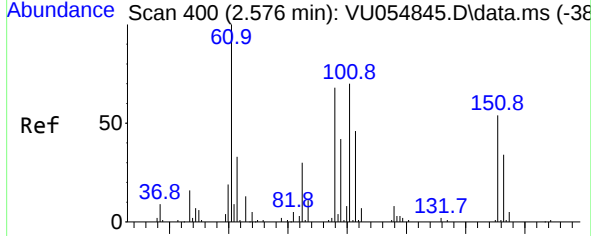
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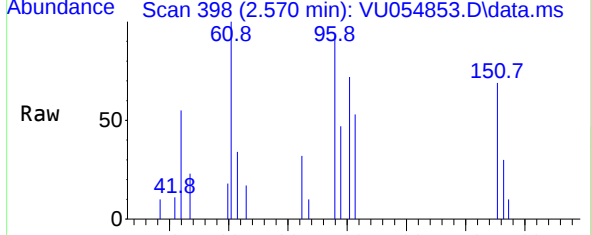
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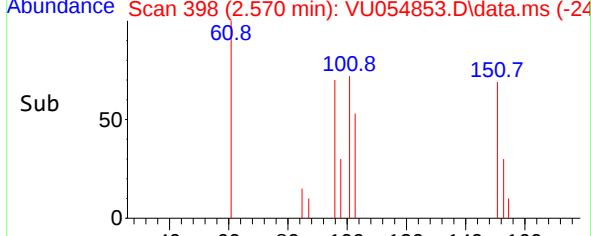
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m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms



m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms (-24



m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms (-24



m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms (-24

m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms (-24

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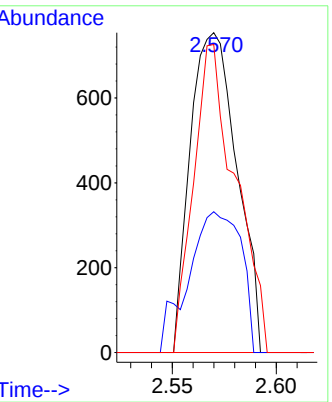
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m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms (-24

m/z--> Abundance Scan 398 (2.570 min): VU054853.D\data.ms (-24

#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.208 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion:	101	Resp:	1180
Ion	Ratio	Lower	Upper
101	100		
85	49.5	34.8	52.2
151	86.8	60.5	90.7



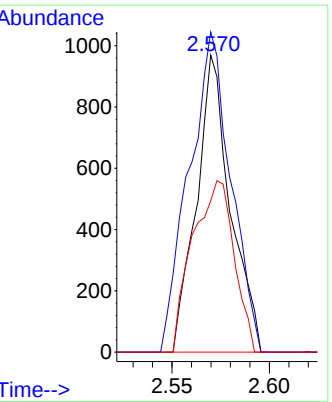
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

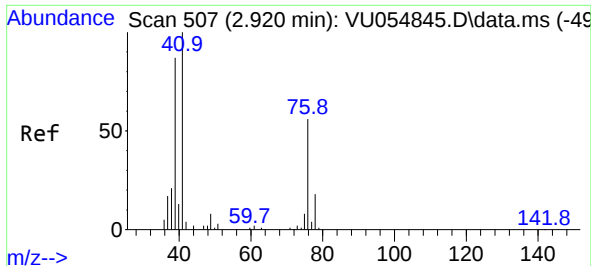
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023

#9
1,1-Dichloroethene
Concen: 0.248 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion:	96	Resp:	1175
Ion	Ratio	Lower	Upper
96	100		
61	107.7	0.0	440.1
98	50.9	0.0	121.8





#11

Allyl Chloride

Concen: 0.240 ug/l

RT: 2.917 min Scan# 507

Delta R.T. -0.003 min

Lab File: VU054853.D

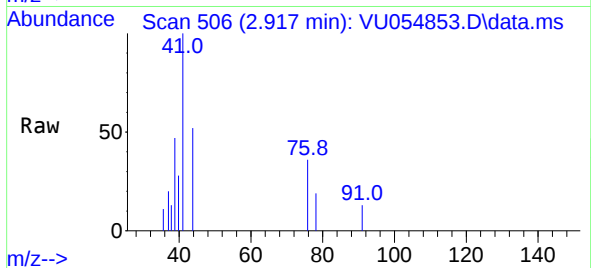
Acq: 24 Jul 2023 12:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 41 Resp: 1334

Ion Ratio Lower Upper

41 100

39 84.9 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :John

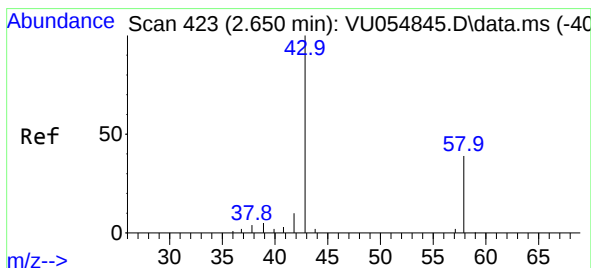
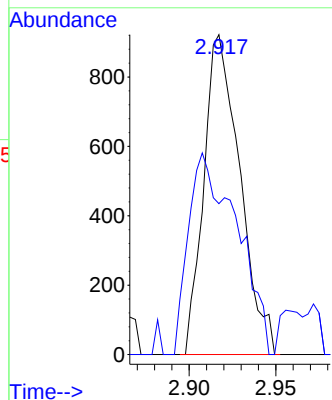
Carlone

07/25/2023

Supervised By :Mahesh

Dadoda

07/31/2023



#13

Acetone

Concen: 1.727 ug/l m

RT: 2.653 min Scan# 424

Delta R.T. 0.003 min

Lab File: VU054853.D

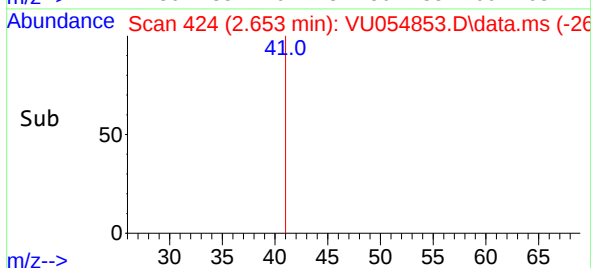
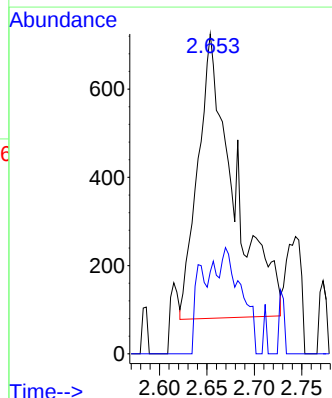
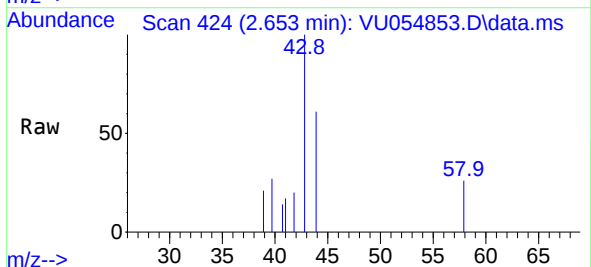
Acq: 24 Jul 2023 12:14

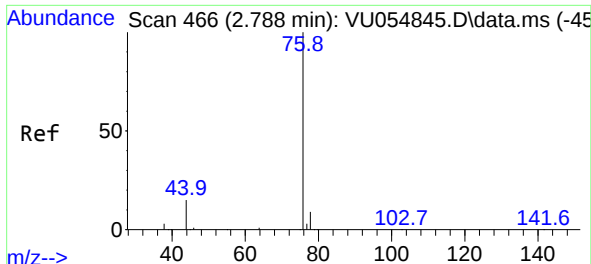
Tgt Ion: 43 Resp: 1709

Ion Ratio Lower Upper

43 100

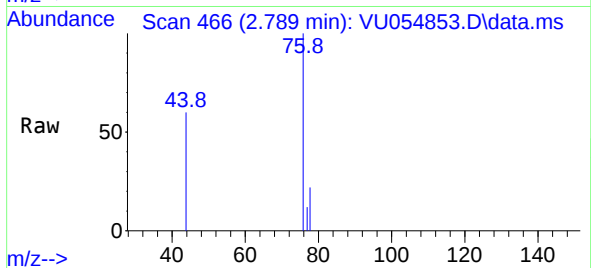
58 25.7 30.7 46.1#





#14
Carbon Disulfide
Concen: 0.260 ug/l
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

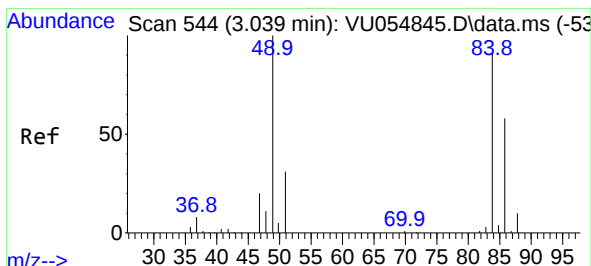
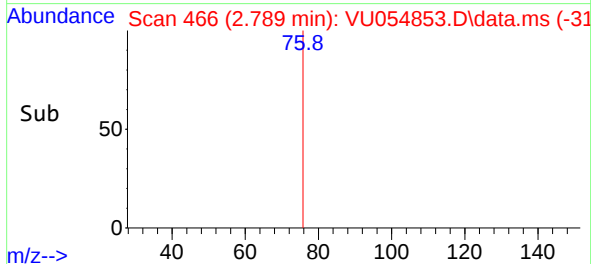
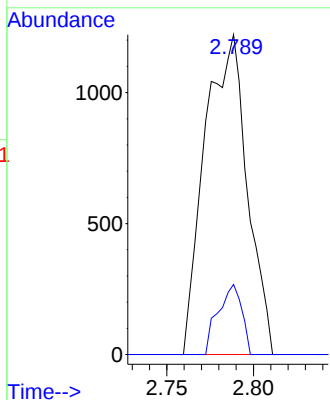
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 76 Resp: 2070
Ion Ratio Lower Upper
76 100
78 21.9 7.1 10.7

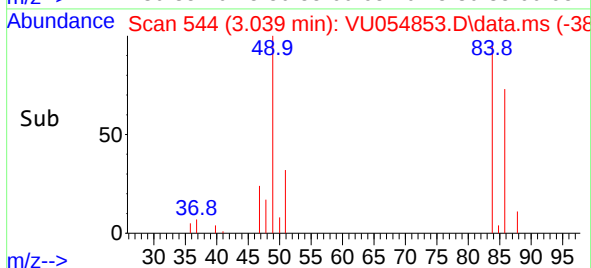
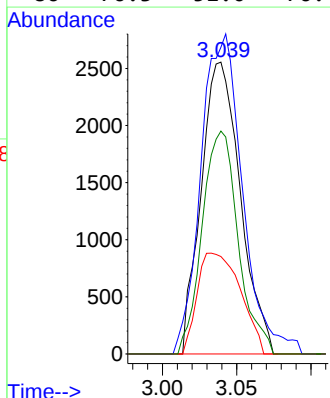
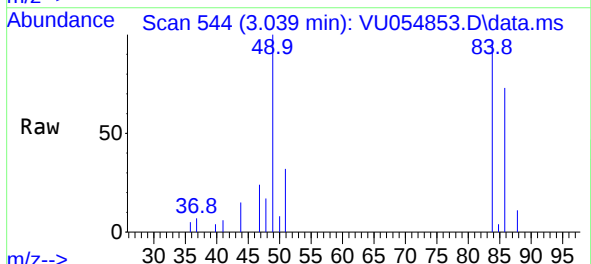
Manual Integrations
APPROVED

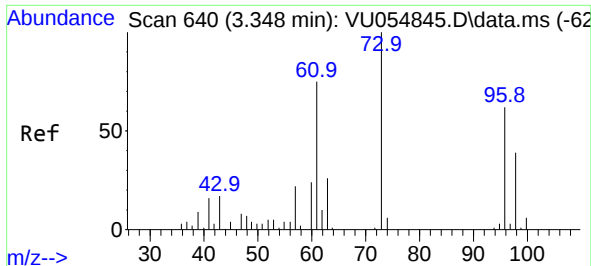
Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#15
Methylene Chloride
Concen: 0.531 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

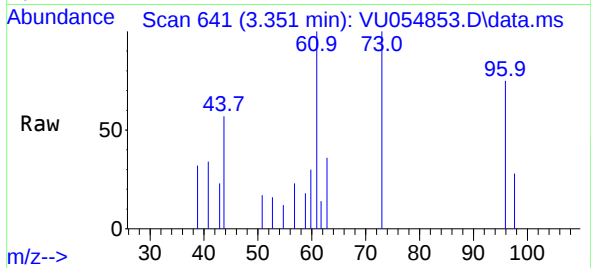
Tgt Ion: 84 Resp: 4697
Ion Ratio Lower Upper
84 100
49 99.8 87.8 131.6
51 33.4 0.0 68.2
86 76.3 51.0 76.4





#16
trans-1,2-Dichloroethene
Concen: 0.256 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

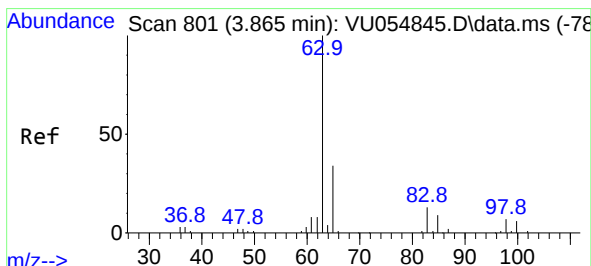
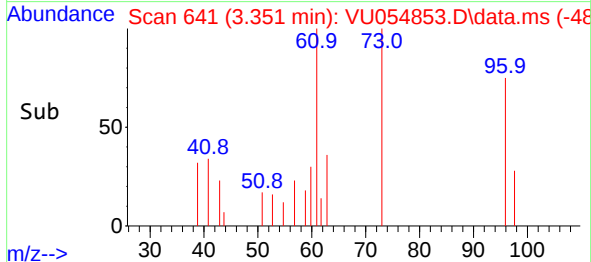
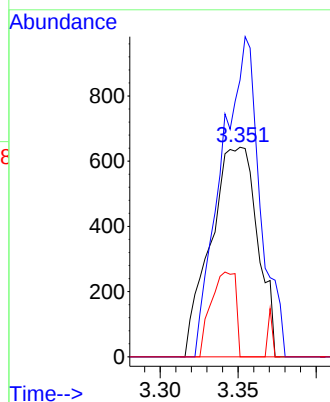


Tgt Ion: 96 Resp: 1349
Ion Ratio Lower Upper
96 100
61 150.7 96.4 144.6#
98 0.0 49.3 73.9#

Manual Integrations
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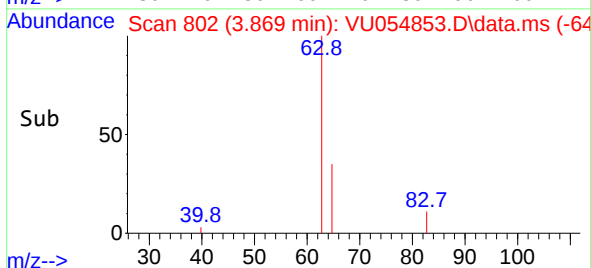
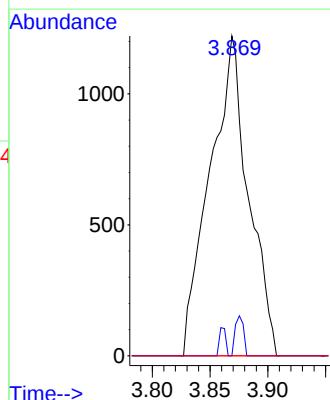
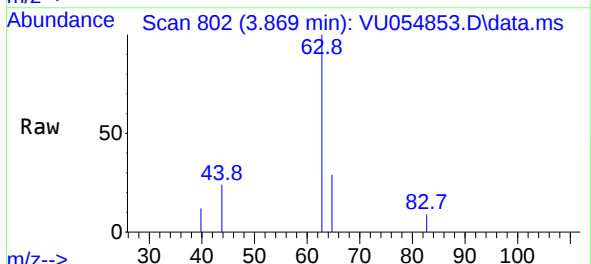
Reviewed By :John
Carlone
07/25/2023

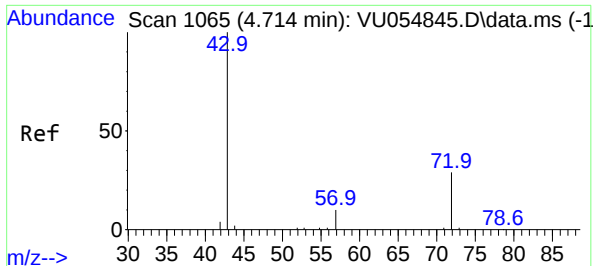
Supervised By :Mahesh
Dadoda
07/31/2023



#17
1,1-Dichloroethane
Concen: 0.253 ug/l
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

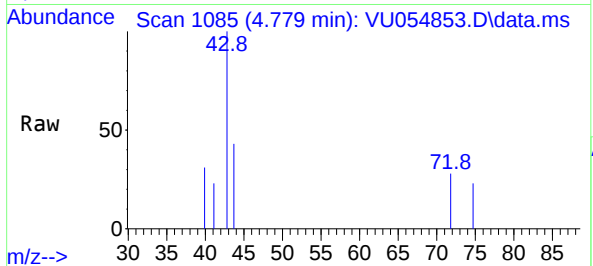
Tgt Ion: 63 Resp: 2824
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.8 8.4#





#18
2-Butanone
Concen: 1.111 ug/l m
RT: 4.779 min Scan# 1065
Delta R.T. 0.065 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

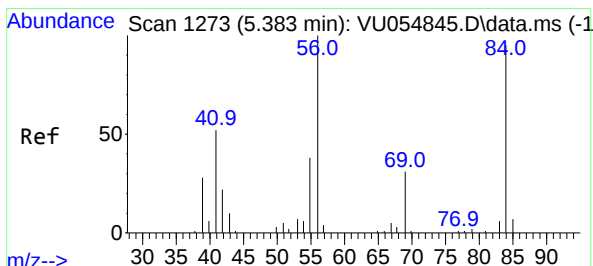
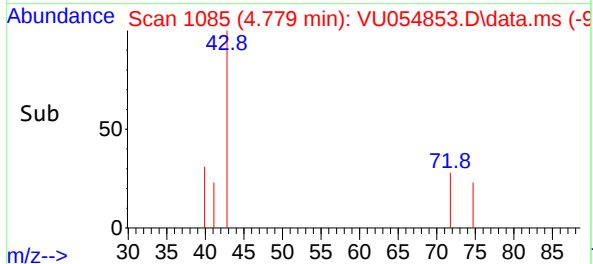
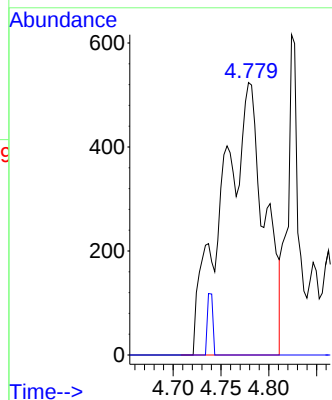
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
57 0.0 0.0 20.8

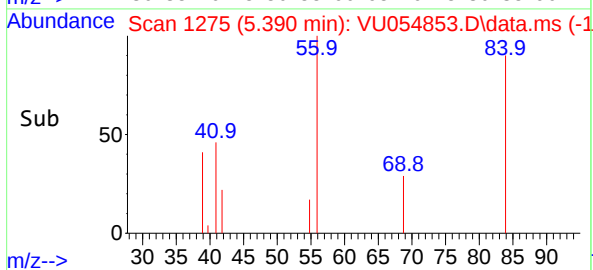
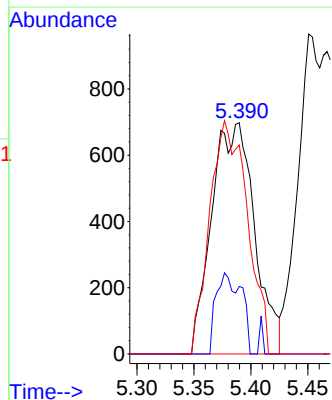
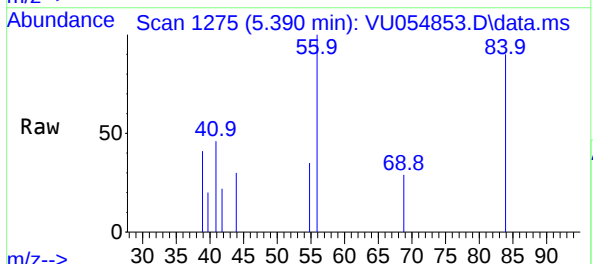
Manual Integrations
APPROVED

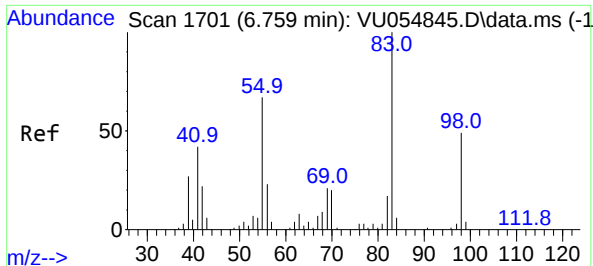
Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#19
Cyclohexane
Concen: 0.284 ug/l m
RT: 5.390 min Scan# 1275
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

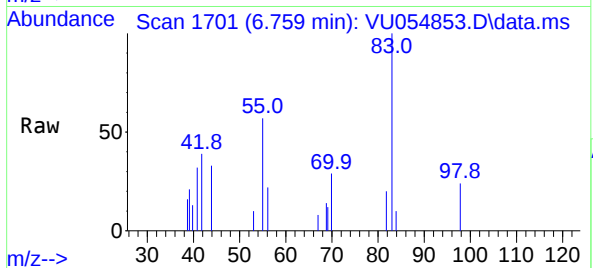
Tgt Ion: 56 Resp: 1831
Ion Ratio Lower Upper
56 100
69 14.7 24.7 37.1#
84 88.1 76.5 114.7





#20
Methylcyclohexane
Concen: 0.232 ug/l
RT: 6.759 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

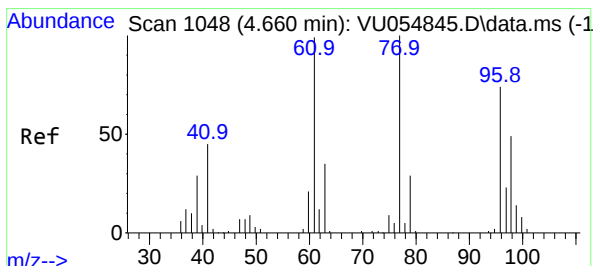
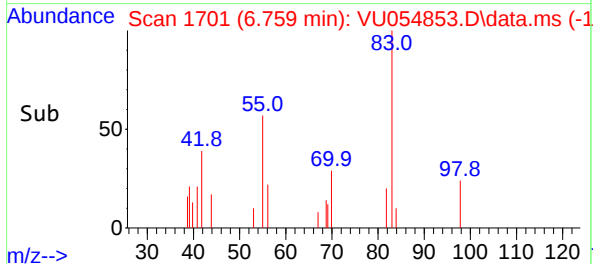
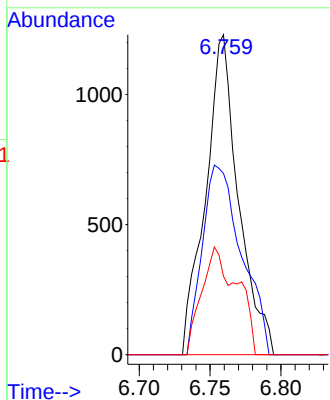


Tgt Ion: 83 Resp: 1988
Ion Ratio Lower Upper
83 100
55 70.6 51.6 77.4
98 36.2 38.2 57.2

Manual Integrations
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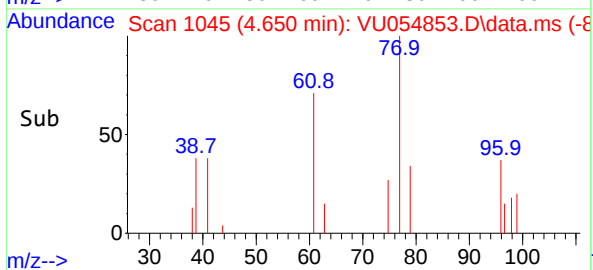
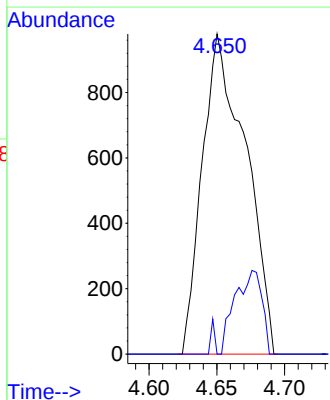
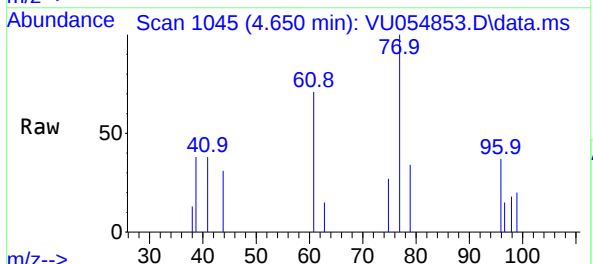
Reviewed By :John
Carlone
07/25/2023

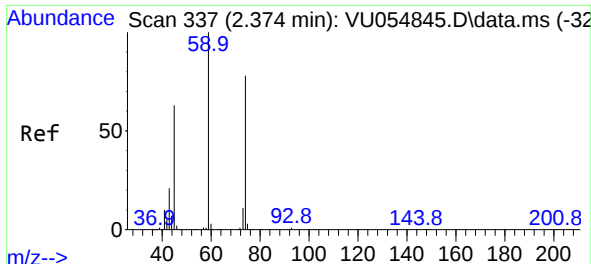
Supervised By :Mahesh
Dadoda
07/31/2023



#21
2,2-Dichloropropane
Concen: 0.224 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.009 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

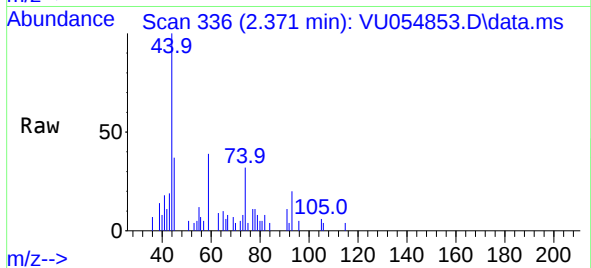
Tgt Ion: 77 Resp: 2176
Ion Ratio Lower Upper
77 100
97 1.0 18.0 27.0#





#23
Diethyl Ether
Concen: 0.225 ug/l
RT: 2.371 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

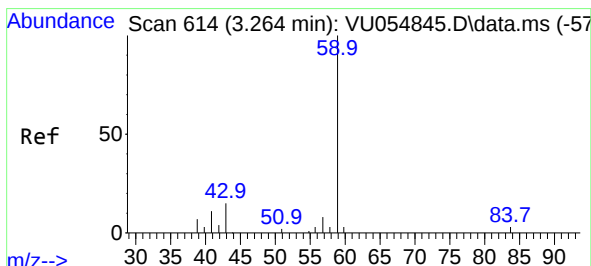
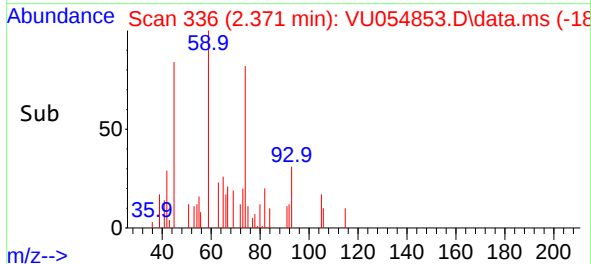
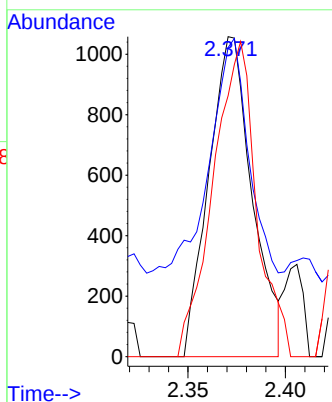


Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
45 67.9 51.4 77.0
74 98.2 63.1 94.7

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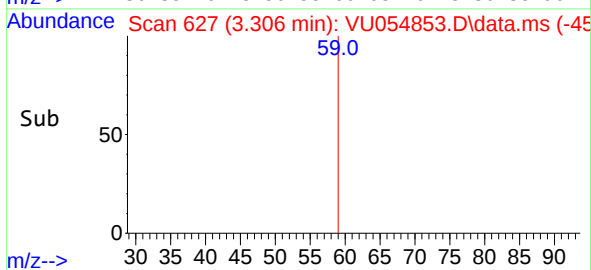
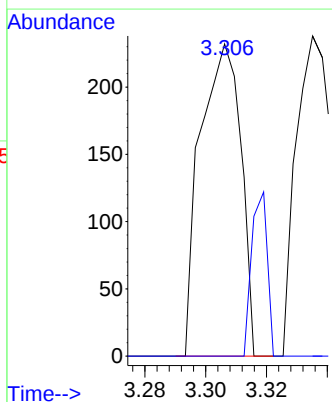
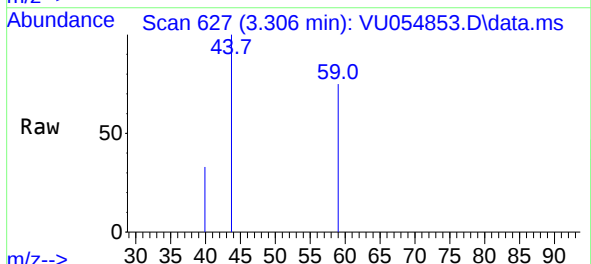
Reviewed By :John
Carlone
07/25/2023

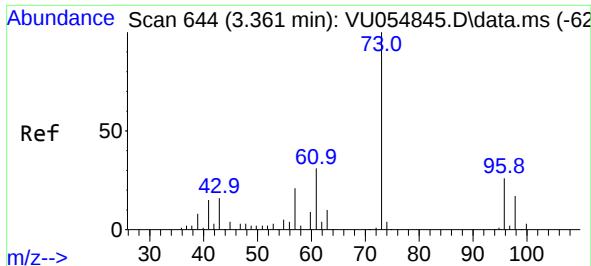
Supervised By :Mahesh
Dadoda
07/31/2023



#24
tert-Butyl Alcohol
Concen: 0.342 ug/l m
RT: 3.306 min Scan# 627
Delta R.T. 0.042 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

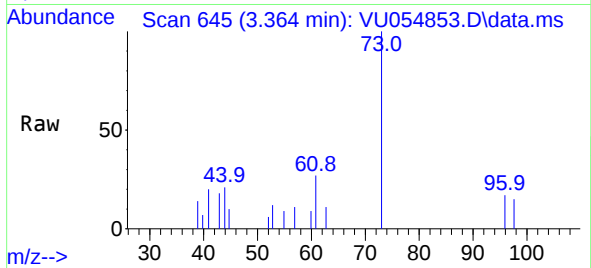
Tgt Ion: 59 Resp: 215
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 0.242 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

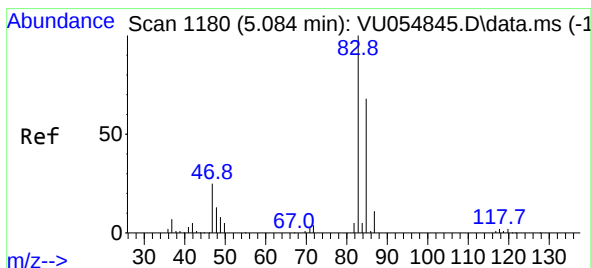
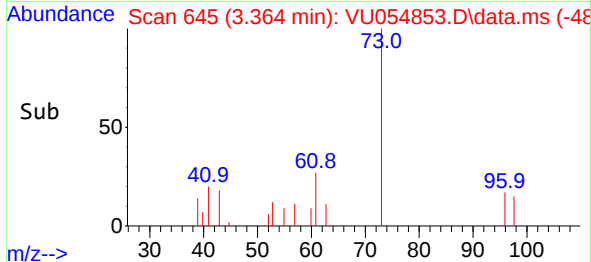
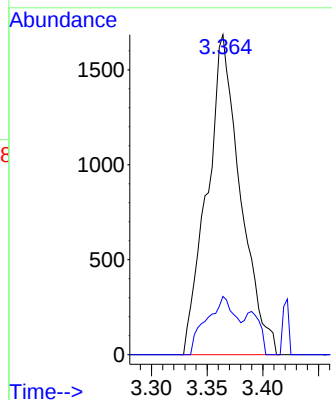


Tgt Ion: 73 Resp: 3504
Ion Ratio Lower Upper
73 100
43 15.8 14.6 22.0

Manual Integrations
APPROVED

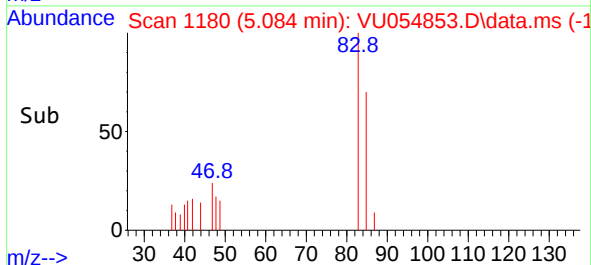
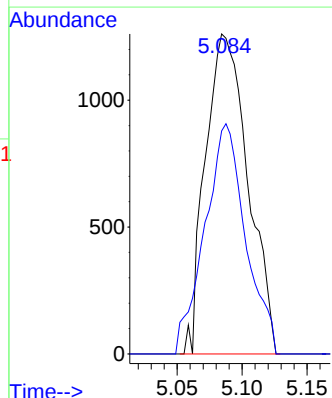
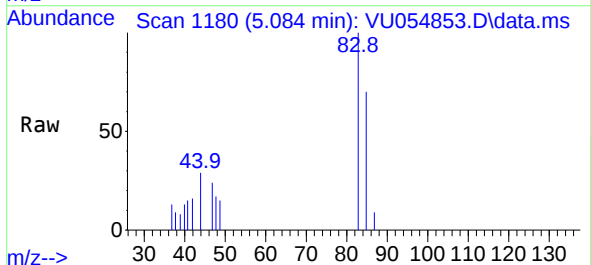
Reviewed By :John
Carlone
07/25/2023

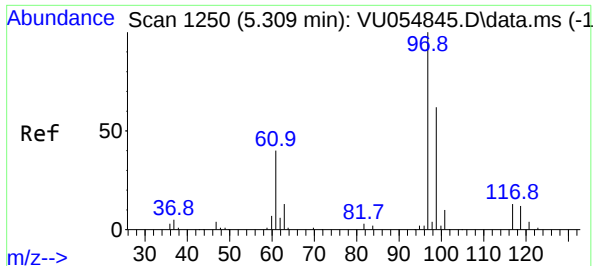
Supervised By :Mahesh
Dadoda
07/31/2023



#27
Chloroform
Concen: 0.234 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

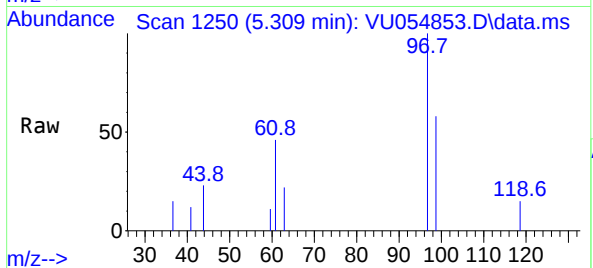
Tgt Ion: 83 Resp: 2873
Ion Ratio Lower Upper
83 100
85 69.7 0.0 135.2





1,1,1-Trichloroethane
Concen: 0.210 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



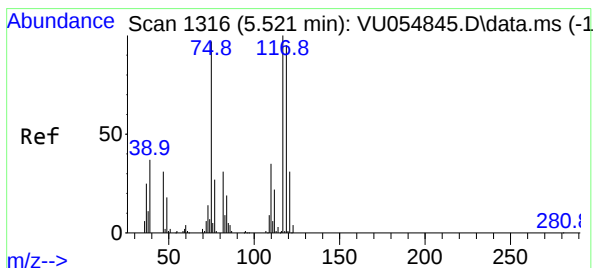
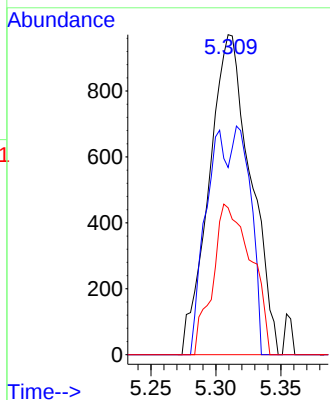
Tgt Ion: 97 Resp: 2164

Ion	Ratio	Lower	Upper
97	100		
99	38.2	32.0	96.2
61	43.3	21.0	63.0

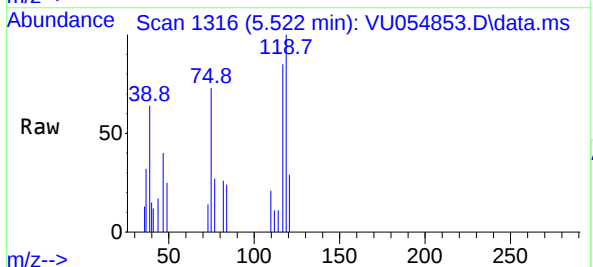
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/31/2023

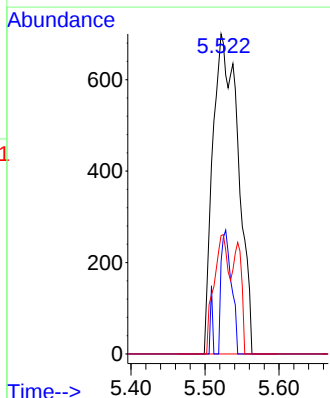
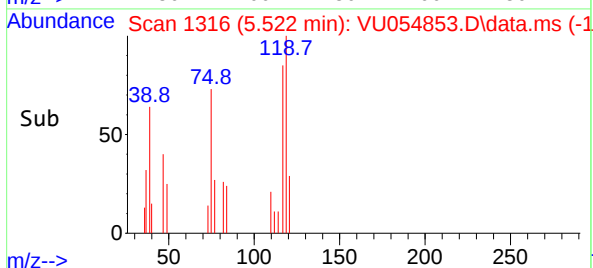


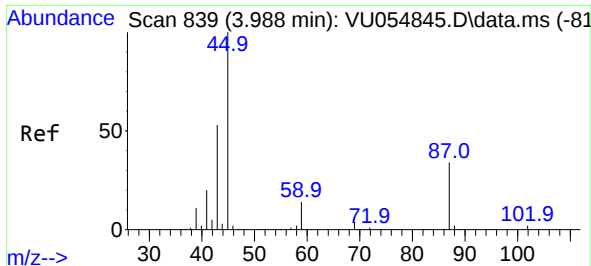
1,1-Dichloropropene
Concen: 0.227 ug/l m
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14



Tgt Ion: 75 Resp: 1661

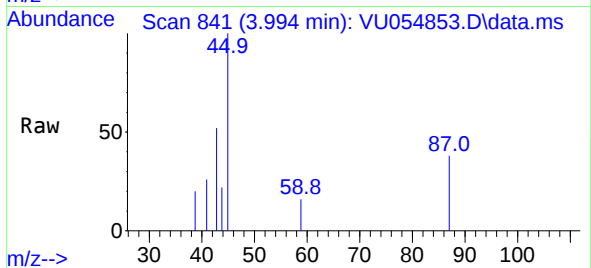
Ion	Ratio	Lower	Upper
75	100		
110	15.7	18.5	55.5#
77	21.9	24.9	37.3#





#31
Isopropyl Ether
Concen: 0.210 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

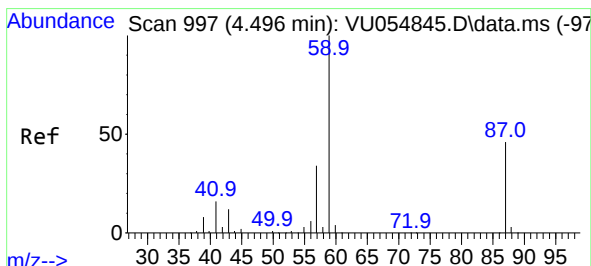
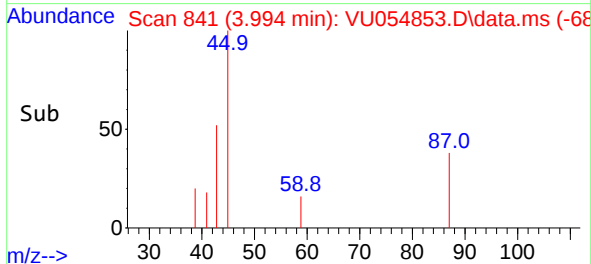
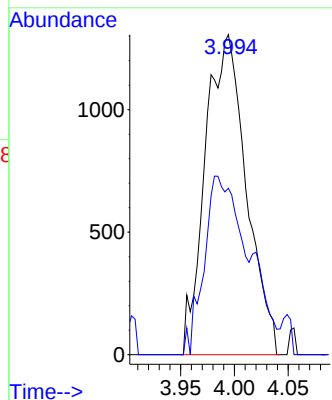


Tgt Ion: 45 Resp: 3460
Ion Ratio Lower Upper
45 100
43 48.9 26.4 79.2

Manual Integrations
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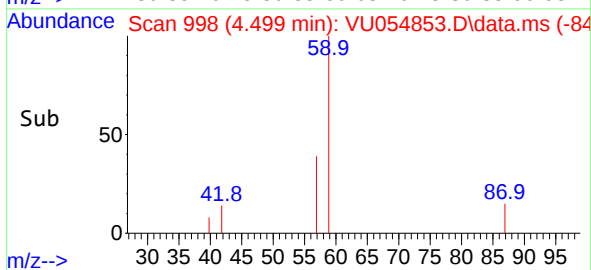
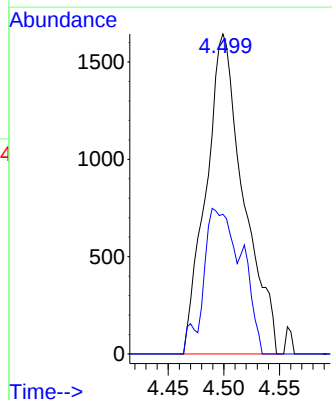
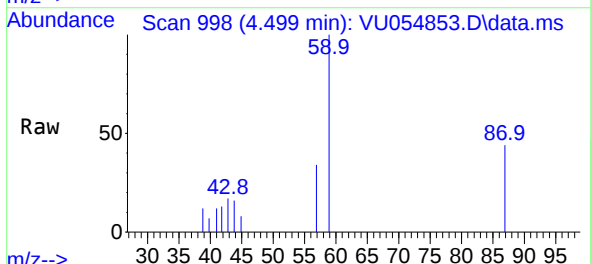
Reviewed By :John
Carlone
07/25/2023

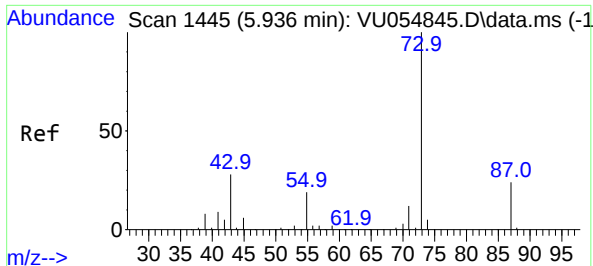
Supervised By :Mahesh
Dadoda
07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.227 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

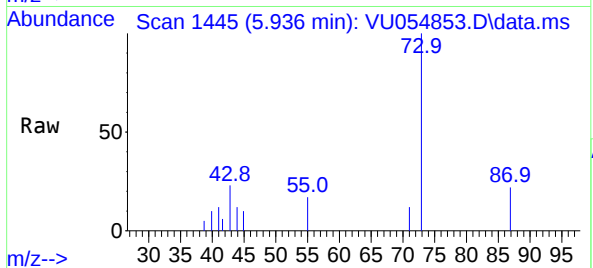
Tgt Ion: 59 Resp: 3844
Ion Ratio Lower Upper
59 100
87 27.1 35.7 53.5#





#33
Tert-Amyl methyl ether
Concen: 0.248 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

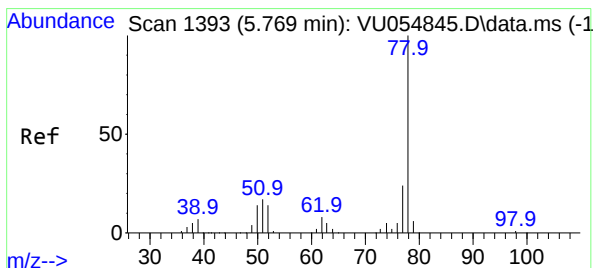
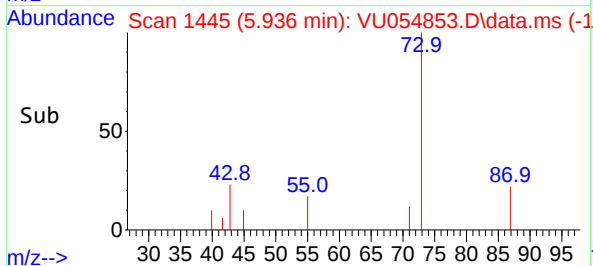
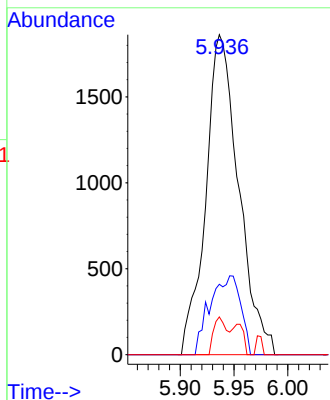


Tgt Ion: 73 Resp: 3959
Ion Ratio Lower Upper
73 100
87 0.0 19.6 29.4
71 4.8 9.1 13.7

Manual Integrations
APPROVED

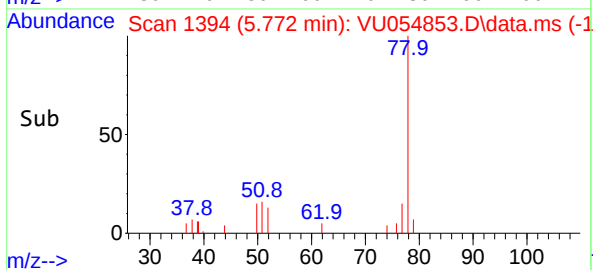
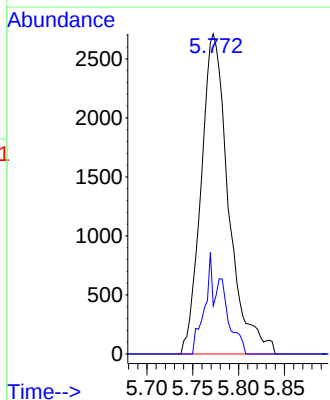
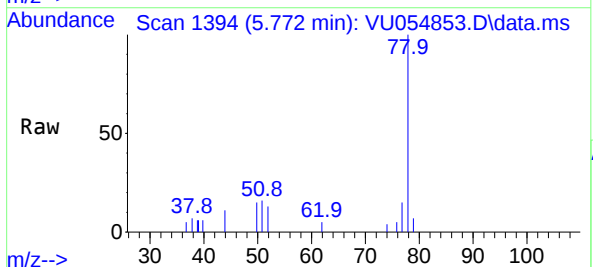
Reviewed By :John
Carlone
07/25/2023

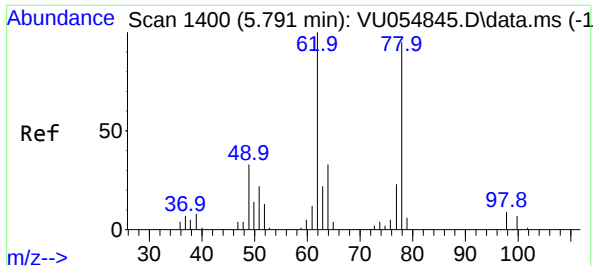
Supervised By :Mahesh
Dadoda
07/31/2023



#35
Benzene
Concen: 0.237 ug/l
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion: 78 Resp: 5646
Ion Ratio Lower Upper
78 100
77 15.0 19.4 29.2





#36
1,2-Dichloroethane
Concen: 0.210 ug/l
RT: 5.804 min Scan# 1404
Delta R.T. 0.013 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

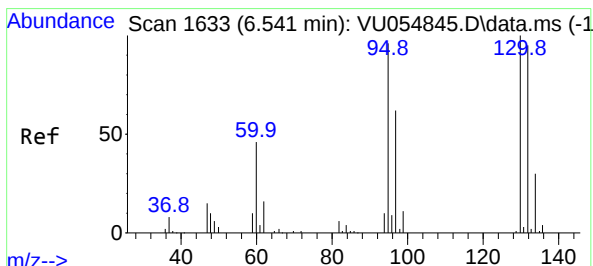
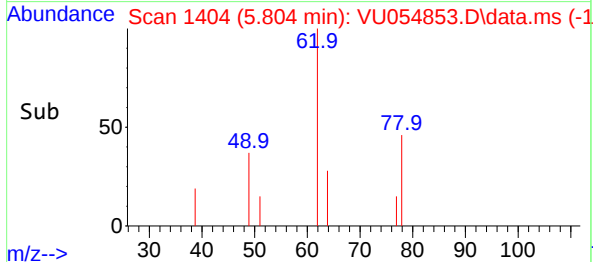
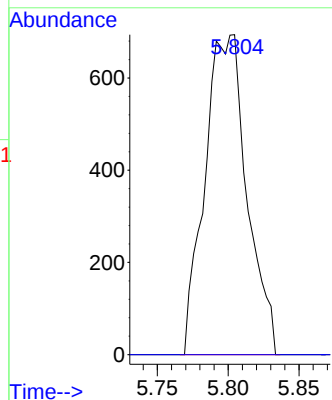
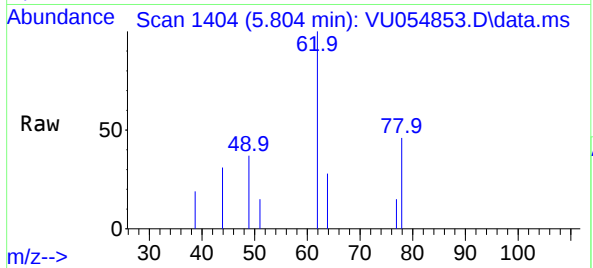
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 62 Resp: 143
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8

Manual Integrations
APPROVED

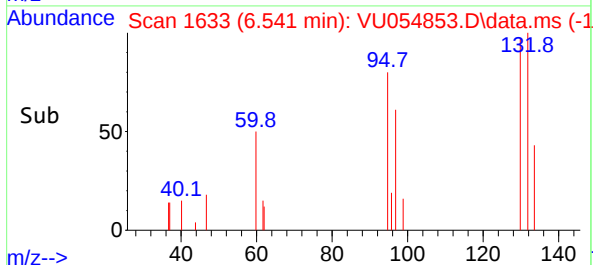
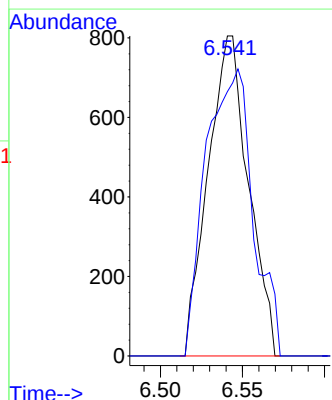
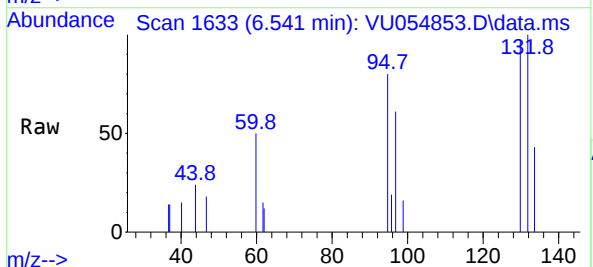
Reviewed By :John
Carlone
07/25/2023

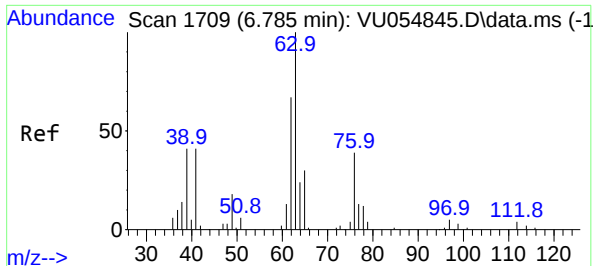
Supervised By :Mahesh
Dadoda
07/31/2023



#37
Trichloroethene
Concen: 0.214 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

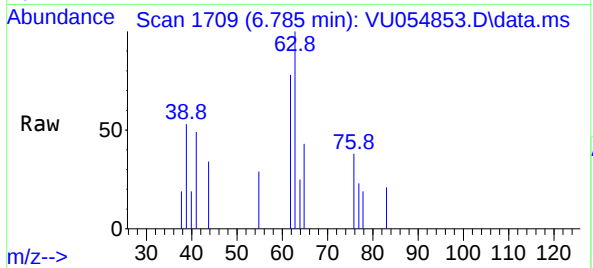
Tgt Ion:130 Resp: 1377
Ion Ratio Lower Upper
130 100
95 82.6 76.8 115.2





#38
1,2-Dichloropropane
Concen: 0.221 ug/l
RT: 6.785 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

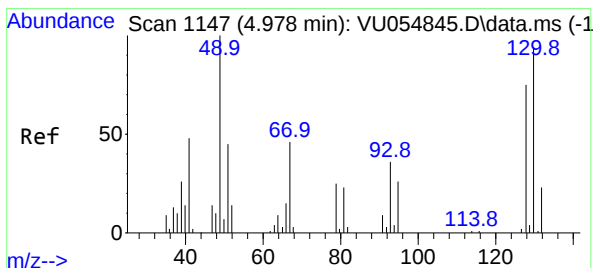
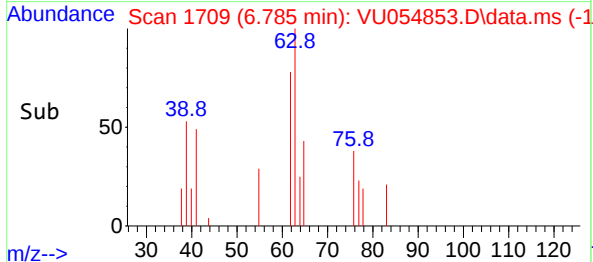
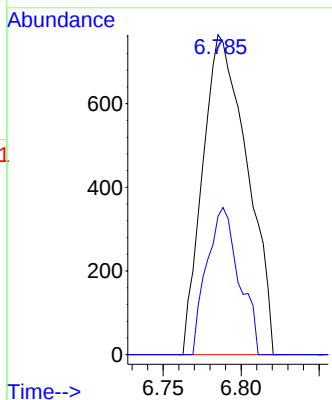
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 63 Resp: 151
Ion Ratio Lower Upper
63 100
65 43.3 24.3 36.5

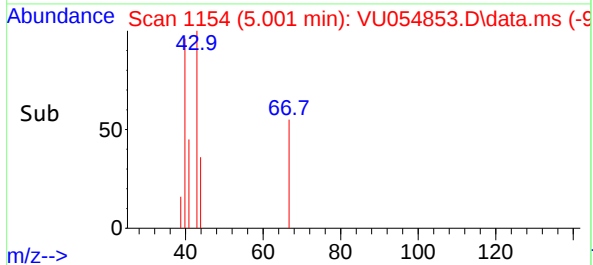
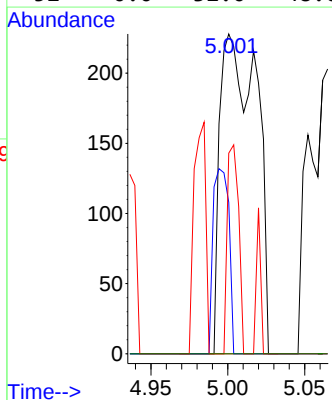
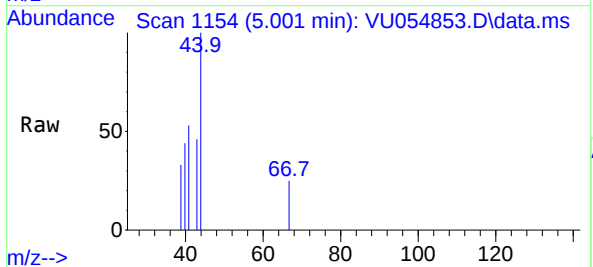
Manual Integrations
APPROVED

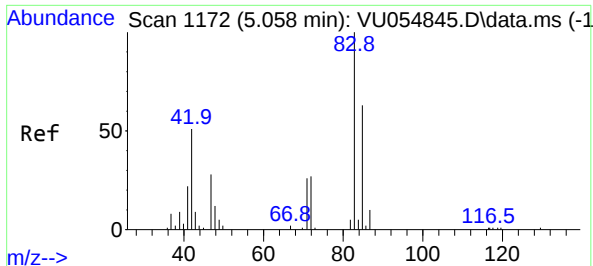
Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#39
Methacrylonitrile
Concen: 0.243 ug/l m
RT: 5.001 min Scan# 1154
Delta R.T. 0.023 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

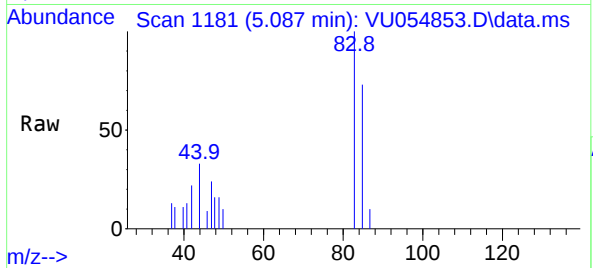
Tgt Ion: 41 Resp: 374
Ion Ratio Lower Upper
41 100
67 25.1 77.0 115.4#
39 20.6 50.4 75.6#
52 0.0 32.0 48.0#





#41
Tetrahydrofuran
Concen: 0.381 ug/l m
RT: 5.087 min Scan# 1172
Delta R.T. 0.029 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

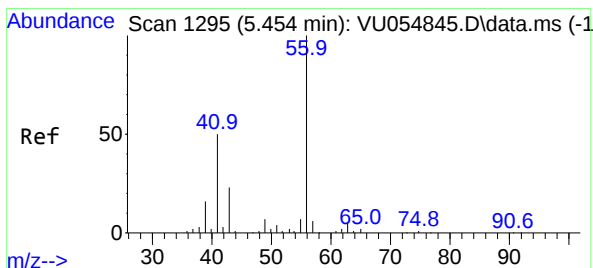
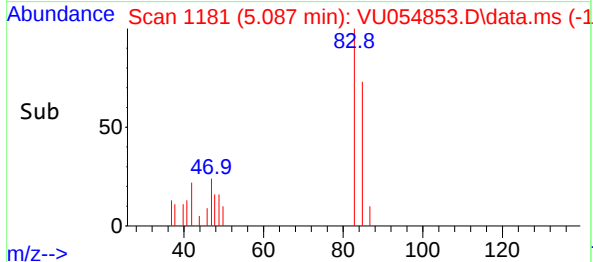
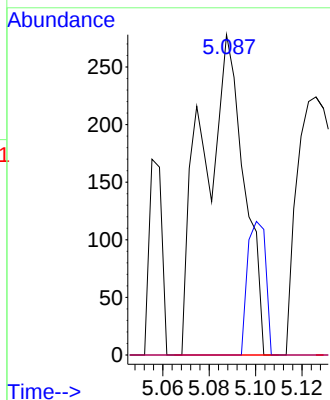


Tgt Ion: 42 Resp: 345
Ion Ratio Lower Upper
42 100
72 0.0 42.1 63.1
71 0.0 39.7 59.5

Manual Integrations
APPROVED

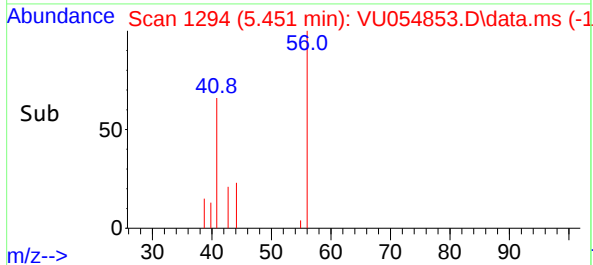
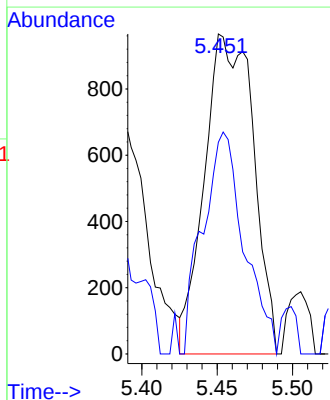
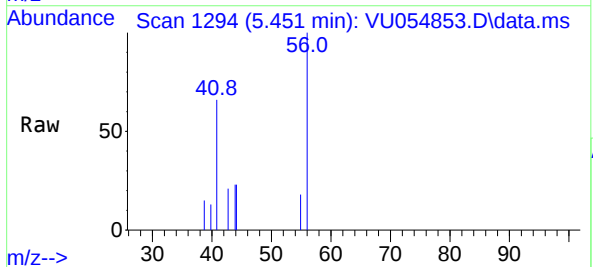
Reviewed By :John
Carlone
07/25/2023

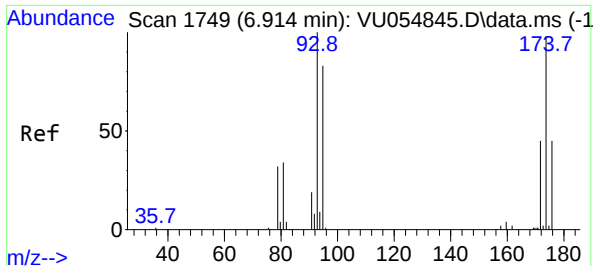
Supervised By :Mahesh
Dadoda
07/31/2023



#42
1-Chlorobutane
Concen: 0.220 ug/l m
RT: 5.451 min Scan# 1294
Delta R.T. -0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

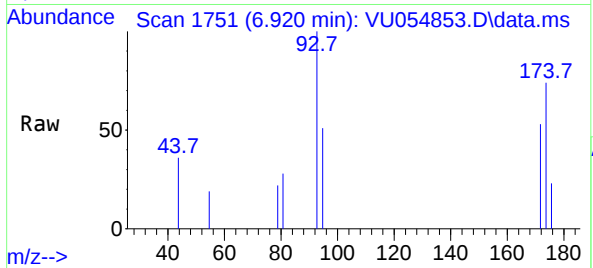
Tgt Ion: 56 Resp: 2177
Ion Ratio Lower Upper
56 100
41 4.5 23.9 71.7#





#43
Dibromomethane
Concen: 0.234 ug/l
RT: 6.920 min Scan# 1749
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

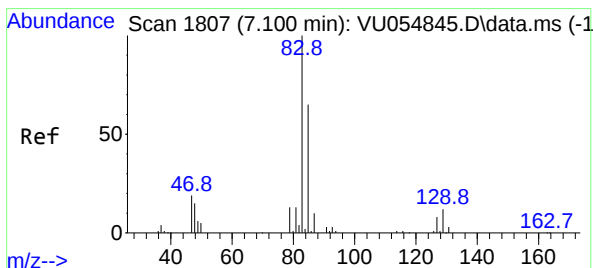
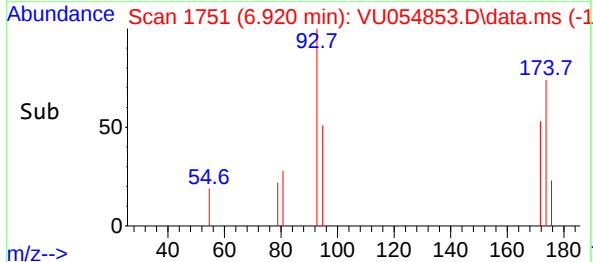
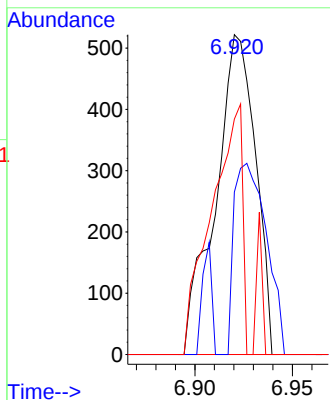


Tgt Ion: 93 Resp: 748
Ion Ratio Lower Upper
93 100
95 48.3 64.7 97.1#
174 60.3 74.4 111.6#

Manual Integrations
APPROVED

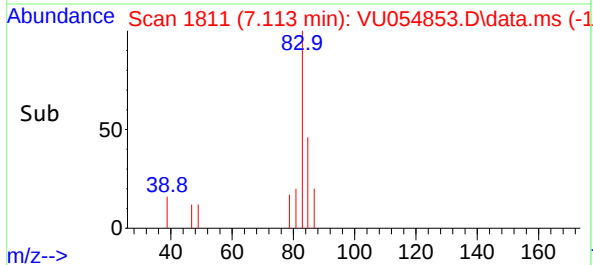
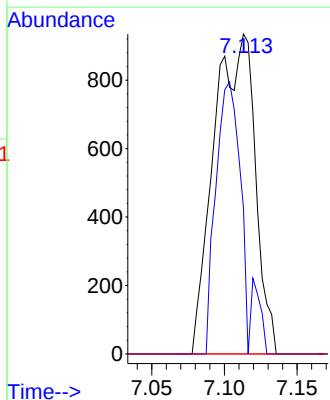
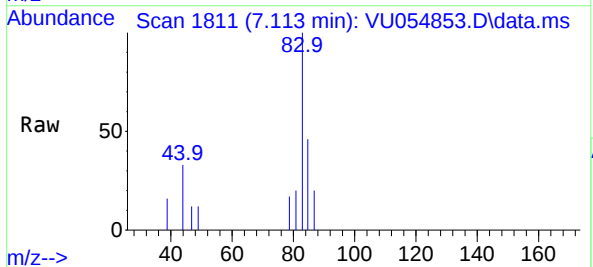
Reviewed By :John
Carlone
07/25/2023

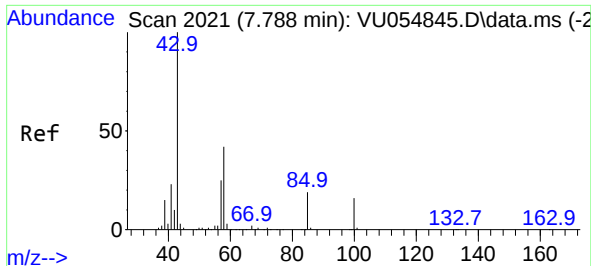
Supervised By :Mahesh
Dadoda
07/31/2023



#44
Bromodichloromethane
Concen: 0.210 ug/l m
RT: 7.113 min Scan# 1811
Delta R.T. 0.013 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion: 83 Resp: 1837
Ion Ratio Lower Upper
83 100
85 45.7 52.2 78.2#
127 0.0 6.1 9.1#





#45
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 7.798 min Scan# 2021
Delta R.T. 0.010 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

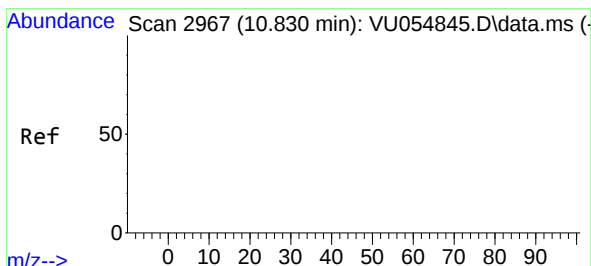
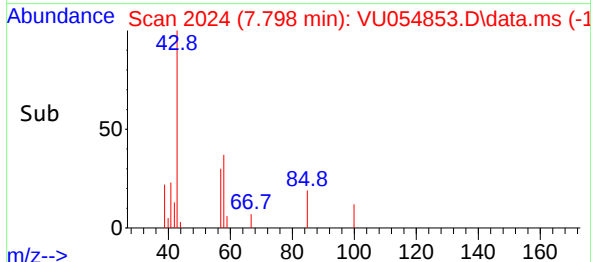
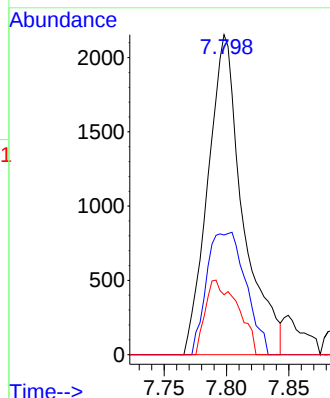
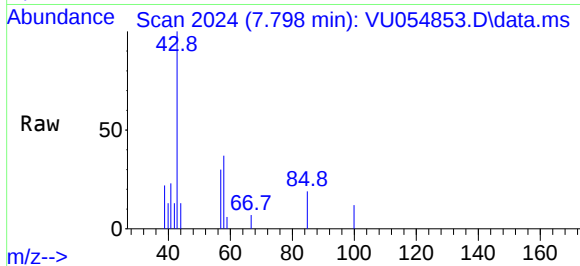
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 42.9 21.3 63.7
85 21.6 15.3 22.9

Manual Integrations
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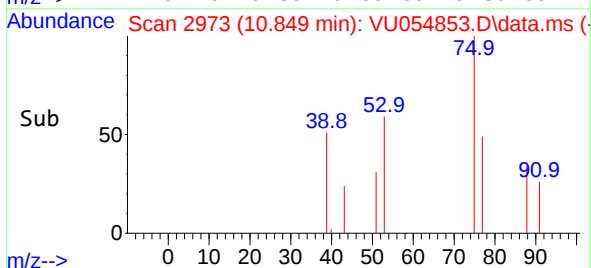
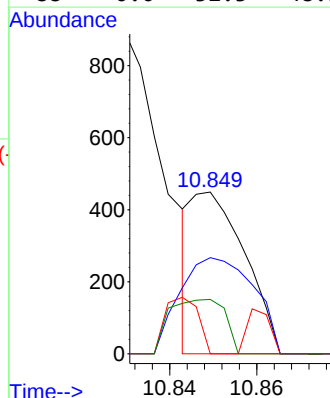
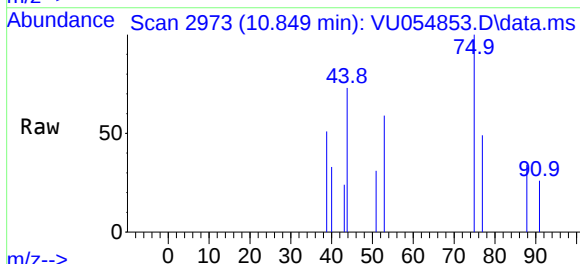
Reviewed By :John
Carlone
07/25/2023

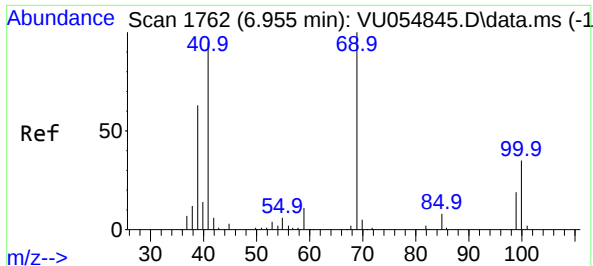
Supervised By :Mahesh
Dadoda
07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 0.240 ug/l m
RT: 10.849 min Scan# 2973
Delta R.T. 0.019 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

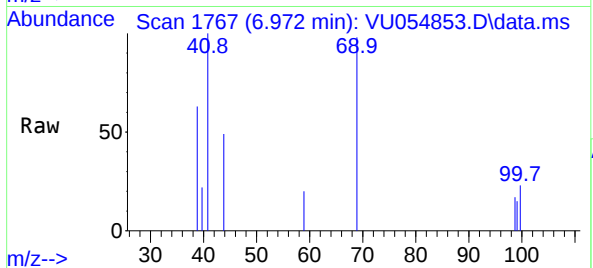
Tgt Ion: 75 Resp: 380
Ion Ratio Lower Upper
75 100
53 10.5 62.9 94.3#
89 0.0 47.8 71.8#
88 0.0 32.3 48.5#





#47
Methyl methacrylate
Concen: 0.434 ug/l
RT: 6.972 min Scan# 1767
Delta R.T. 0.016 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

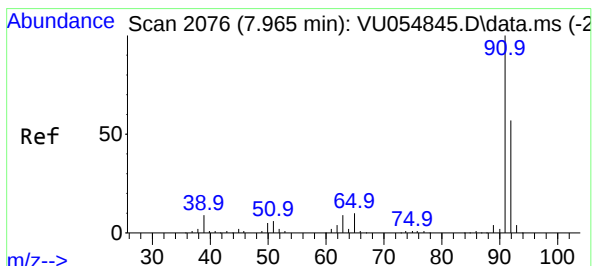
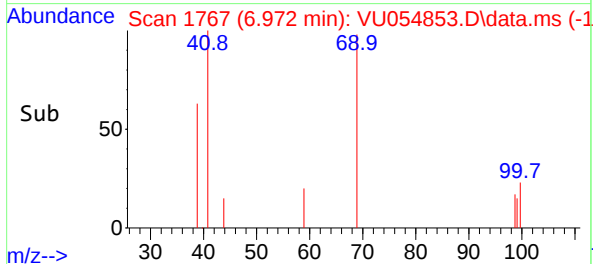
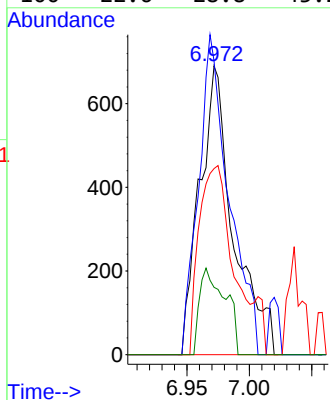


Tgt Ion: 69 Resp: 130
Ion Ratio Lower Upper
69 100
41 100.0 0.0 193.0
39 63.6 50.4 75.6
100 22.6 28.8 43.2

Manual Integrations
APPROVED

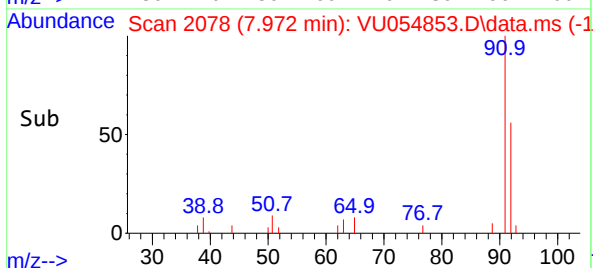
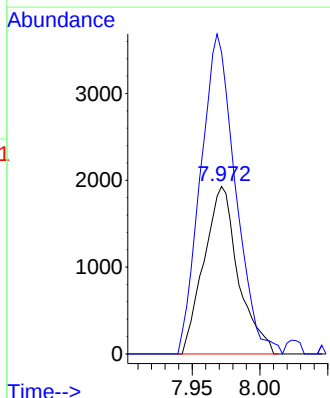
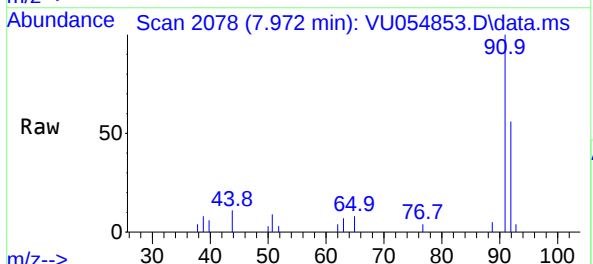
Reviewed By :John
Carlone
07/25/2023

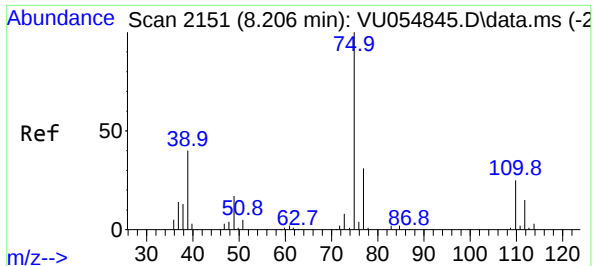
Supervised By :Mahesh
Dadoda
07/31/2023



#49
Toluene
Concen: 0.223 ug/l
RT: 7.972 min Scan# 2078
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion: 92 Resp: 3389
Ion Ratio Lower Upper
92 100
91 194.0 142.9 214.3





#50

t-1,3-Dichloropropene

Concen: 0.205 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054853.D

Acq: 24 Jul 2023 12:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75 Resp: 1589

Ion Ratio Lower Upper

75 100

77 28.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John

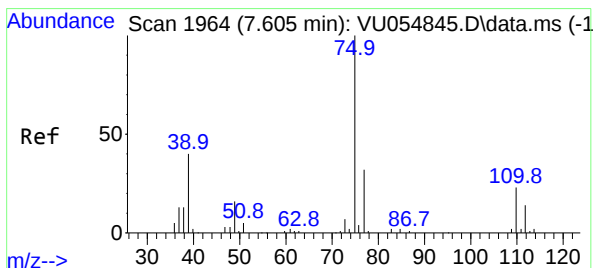
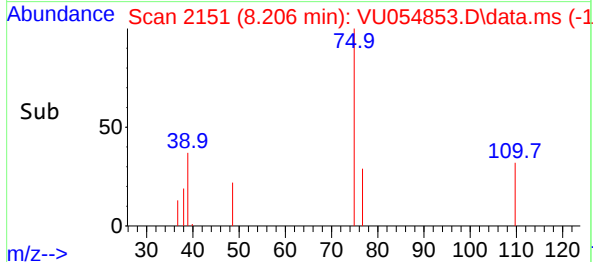
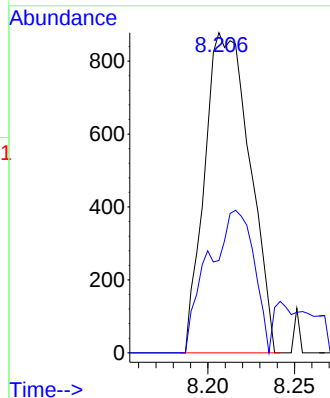
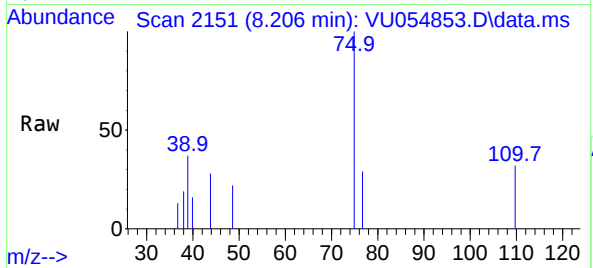
Carlone

07/25/2023

Supervised By :Mahesh

Dadoda

07/31/2023



#51

cis-1,3-Dichloropropene

Concen: 0.201 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054853.D

Acq: 24 Jul 2023 12:14

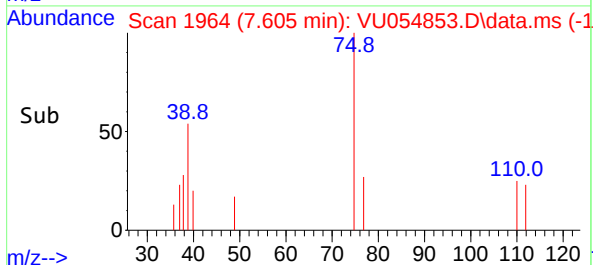
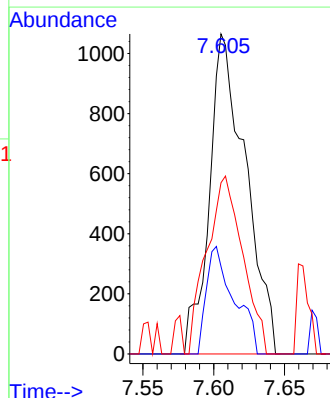
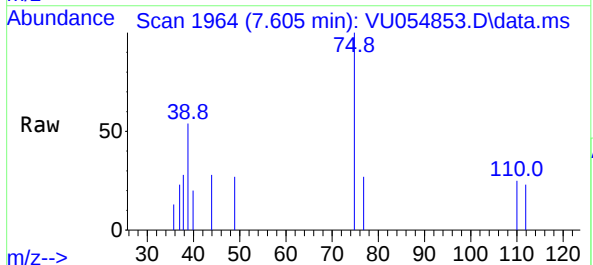
Tgt Ion: 75 Resp: 1897

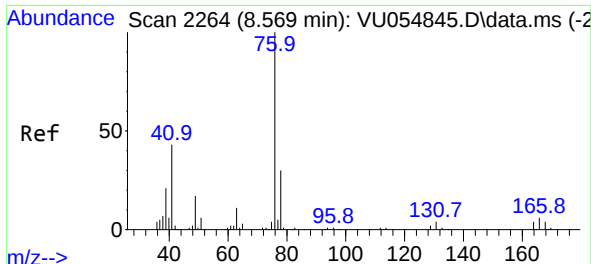
Ion Ratio Lower Upper

75 100

77 27.3 25.8 38.8

39 43.6 31.7 47.5





#53
1,3-Dichloropropane
Concen: 0.236 ug/l
RT: 8.576 min Scan# 2198
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

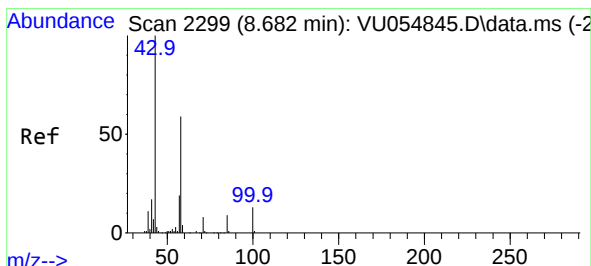
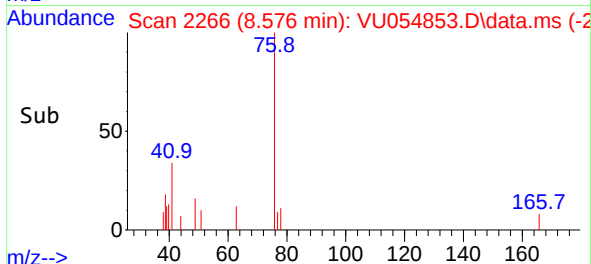
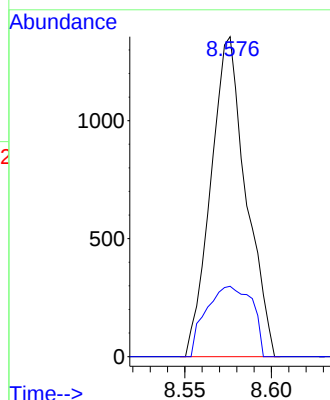
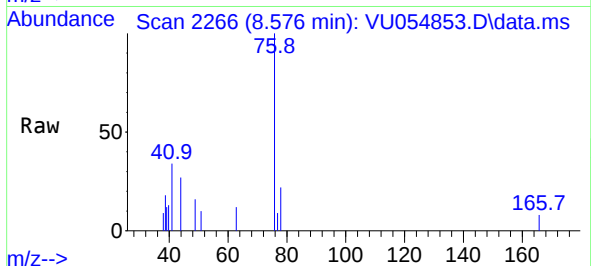
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 1918
Ion Ratio Lower Upper
76 100
78 28.6 24.6 36.8

Manual Integrations
APPROVED

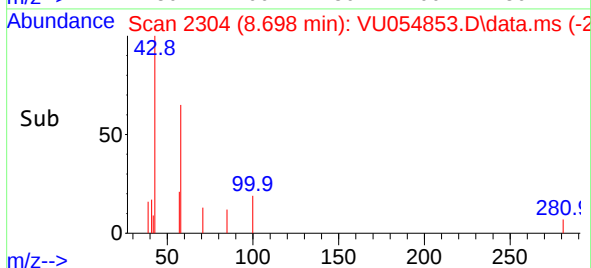
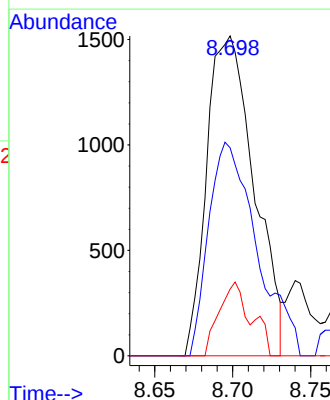
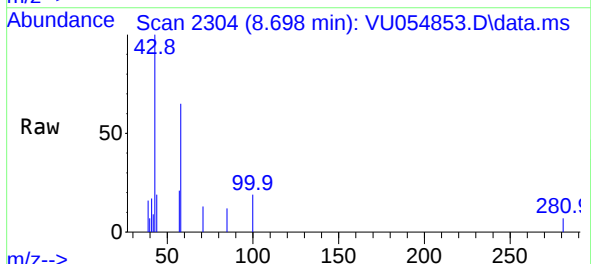
Reviewed By :John
Carlone
07/25/2023

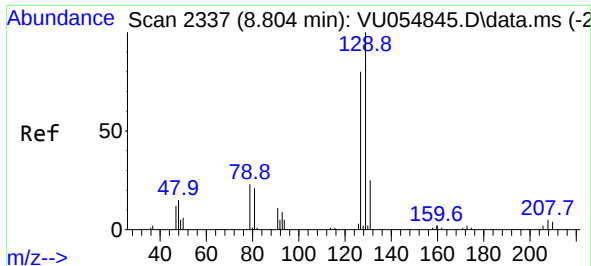
Supervised By :Mahesh
Dadoda
07/31/2023



#54
2-Hexanone
Concen: 1.216 ug/l
RT: 8.698 min Scan# 2304
Delta R.T. 0.016 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

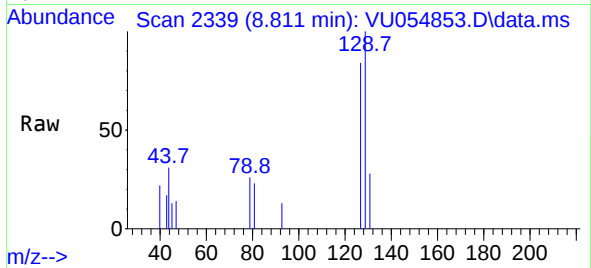
Tgt Ion: 43 Resp: 3209
Ion Ratio Lower Upper
43 100
58 67.7 38.9 78.9
57 12.4 0.0 38.7





#55
Dibromochloromethane
Concen: 0.213 ug/l
RT: 8.811 min Scan# 2129
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

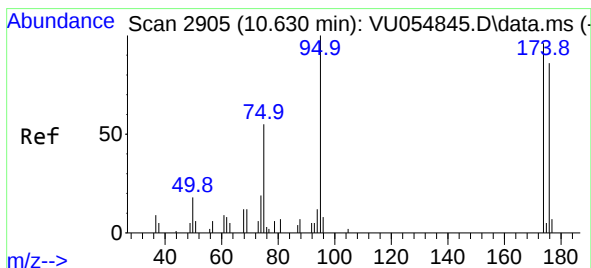
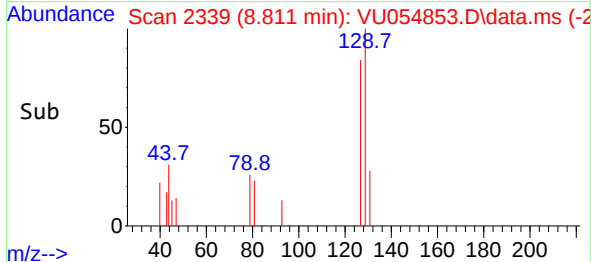
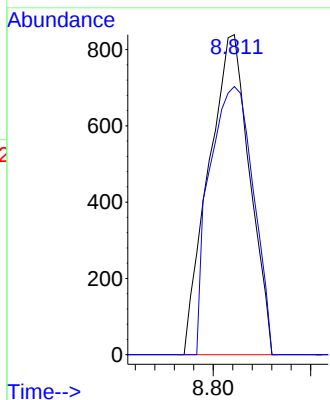


Tgt Ion: 129 Resp: 1220
Ion Ratio Lower Upper
129 100
127 89.2 61.4 92.0

Manual Integrations
APPROVED

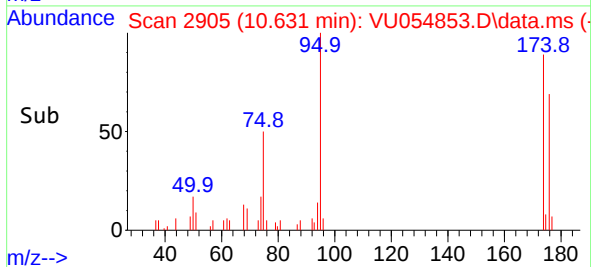
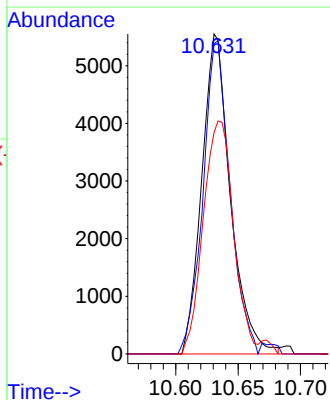
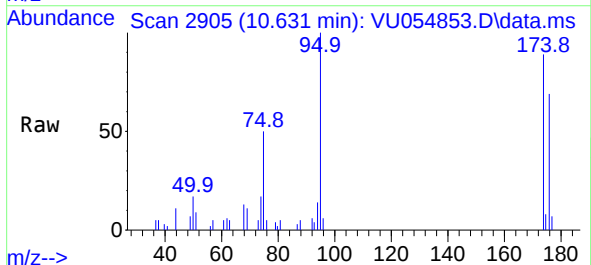
Reviewed By :John
Carlone
07/25/2023

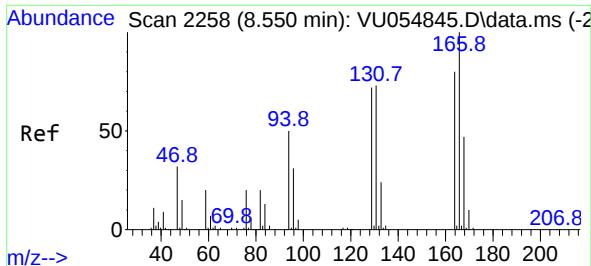
Supervised By :Mahesh
Dadoda
07/31/2023



#57
4-Bromofluorobenzene
Concen: 1.064 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

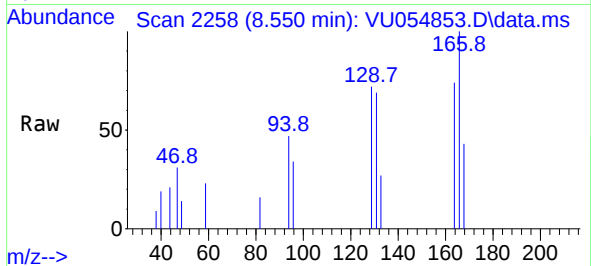
Tgt Ion: 95 Resp: 8860
Ion Ratio Lower Upper
95 100
174 92.8 79.3 118.9
176 77.1 71.5 107.3





#58
Tetrachloroethene
Concen: 0.233 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

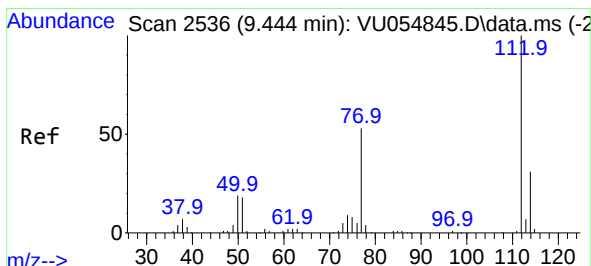
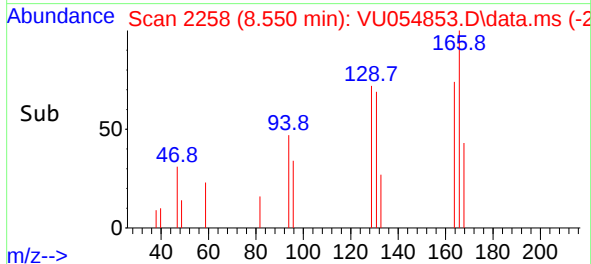
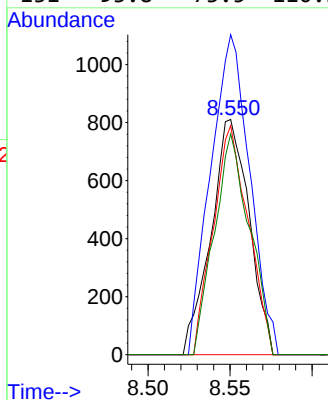


Tgt Ion:164 Resp: 130
Ion Ratio Lower Upper
164 100
166 136.0 100.4 150.6
129 97.3 71.9 107.9
131 93.8 73.5 110.3

Manual Integrations
APPROVED

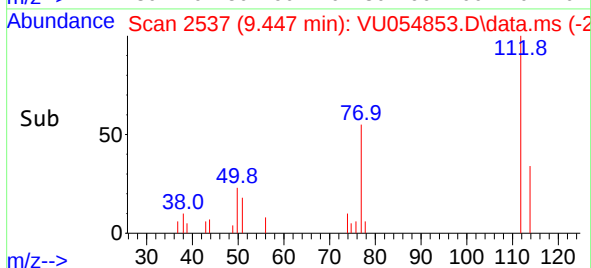
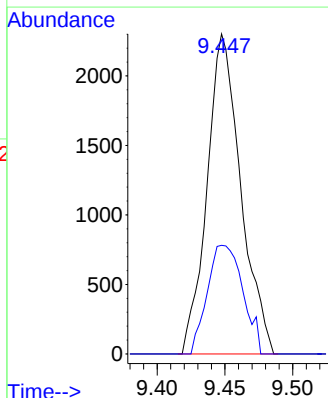
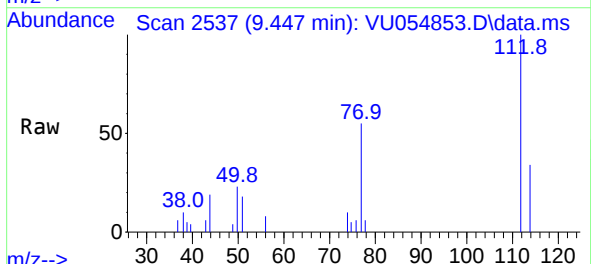
Reviewed By :John
Carlone
07/25/2023

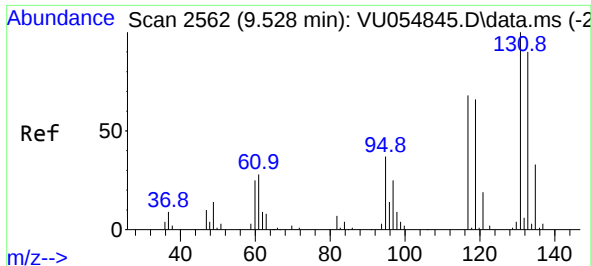
Supervised By :Mahesh
Dadoda
07/31/2023



#59
Chlorobenzene
Concen: 0.220 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

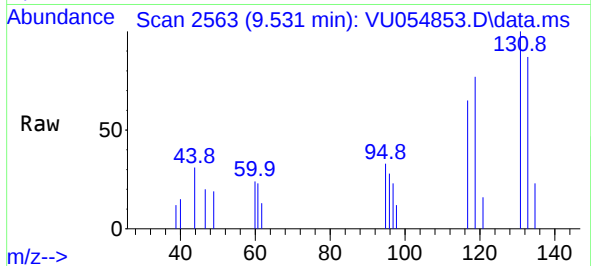
Tgt Ion:112 Resp: 3981
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.6





#60
1,1,1,2-Tetrachloroethane
Concen: 0.206 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

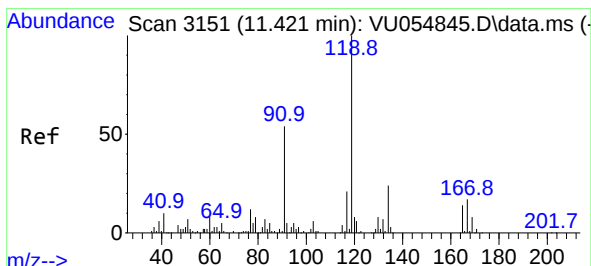
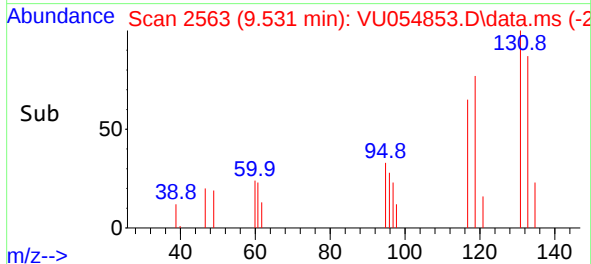
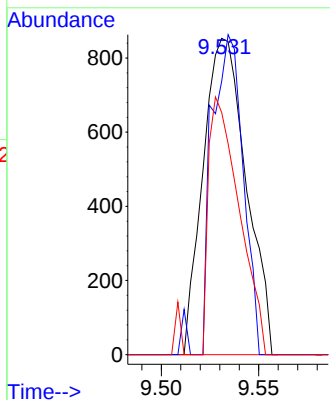


Tgt Ion:131 Resp: 1314
Ion Ratio Lower Upper
131 100
133 72.5 74.2 111.4
119 57.8 51.0 76.4

Manual Integrations
APPROVED

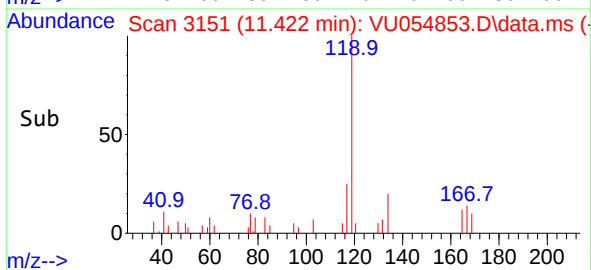
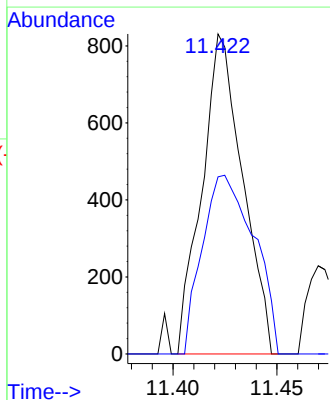
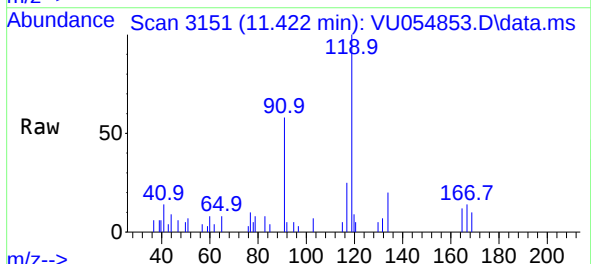
Reviewed By :John
Carlone
07/25/2023

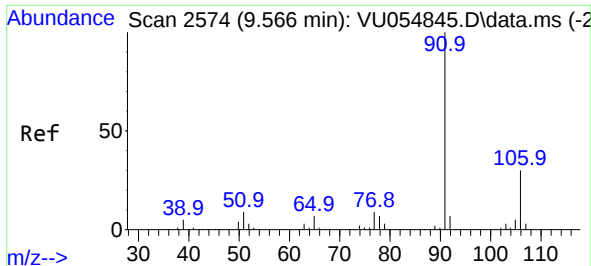
Supervised By :Mahesh
Dadoda
07/31/2023



#61
Pentachloroethane
Concen: 0.225 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion:117 Resp: 1132
Ion Ratio Lower Upper
117 100
167 70.9 65.3 97.9





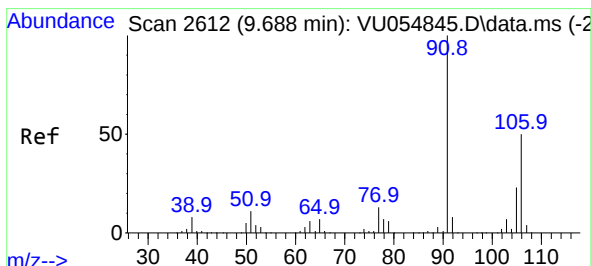
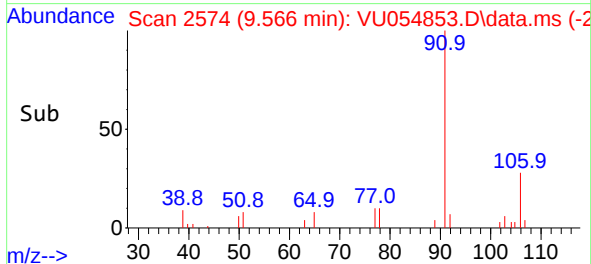
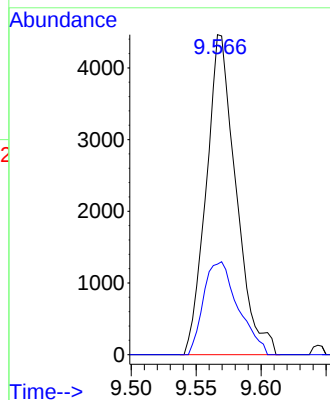
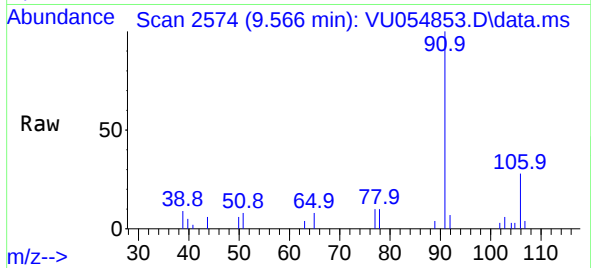
#63
Ethyl Benzene
Concen: 0.231 ug/l
RT: 9.566 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 7120
Ion Ratio Lower Upper
91 100
106 28.3 24.2 36.2

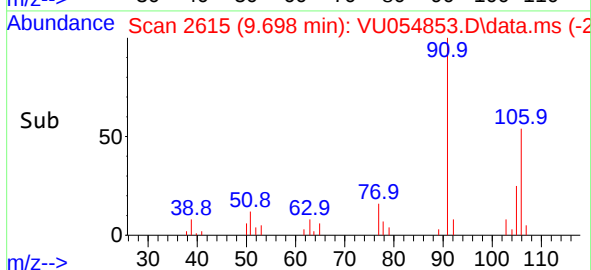
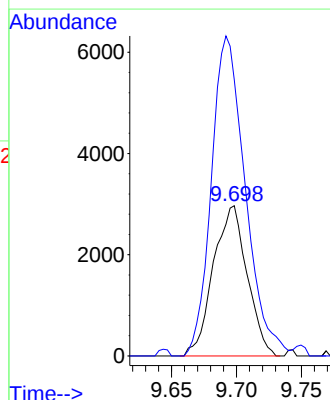
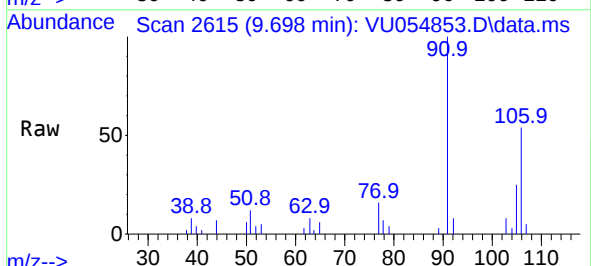
Manual Integrations
APPROVED

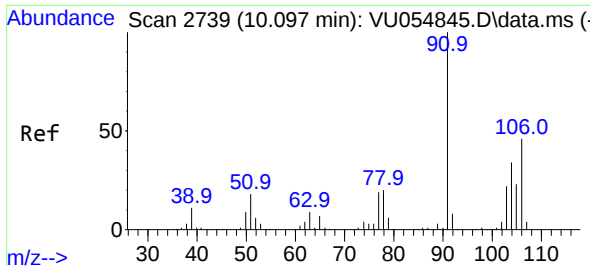
Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#64
m/p-Xylenes
Concen: 0.460 ug/l
RT: 9.698 min Scan# 2615
Delta R.T. 0.010 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion:106 Resp: 5372
Ion Ratio Lower Upper
106 100
91 213.2 158.8 238.2





#65
o-Xylene
Concen: 0.219 ug/l
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

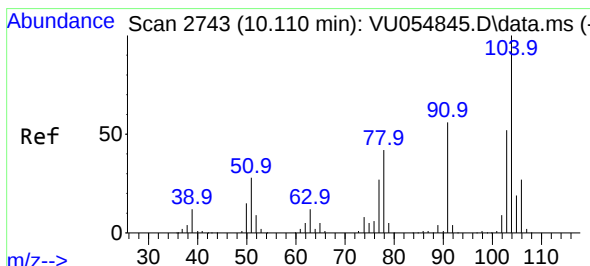
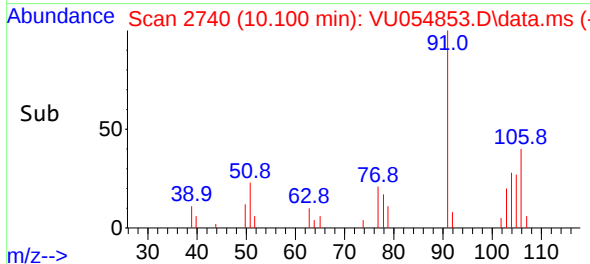
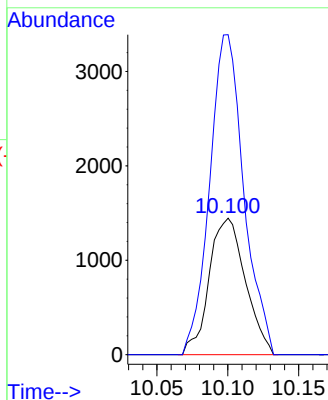
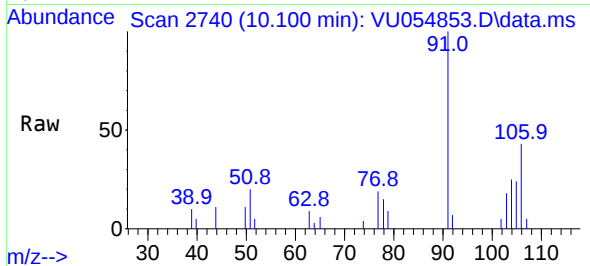
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 257
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8

Manual Integrations
APPROVED

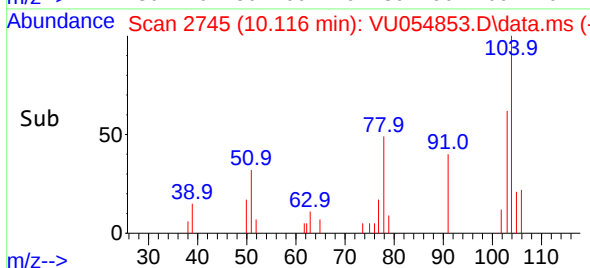
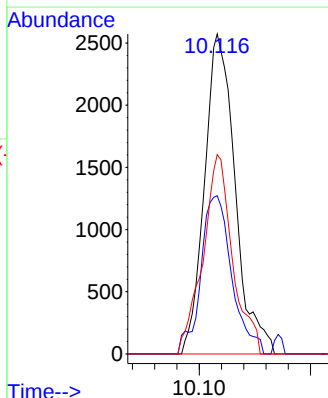
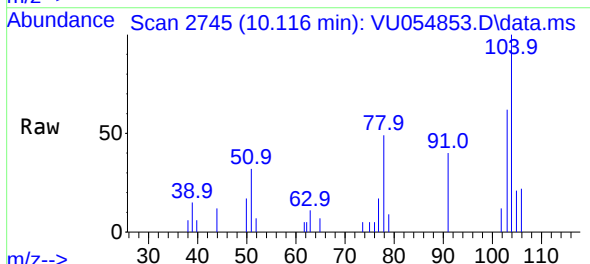
Reviewed By :John
Carlone
07/25/2023

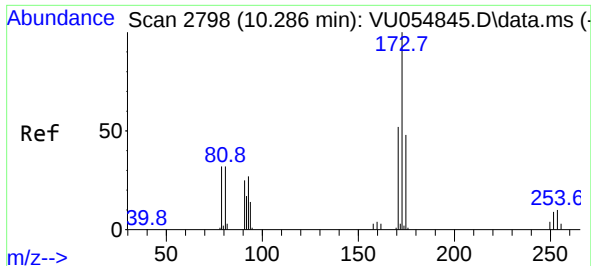
Supervised By :Mahesh
Dadoda
07/31/2023



#66
Styrene
Concen: 0.260 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

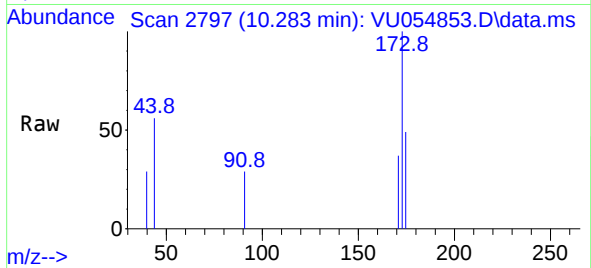
Tgt Ion:104 Resp: 4917
Ion Ratio Lower Upper
104 100
78 49.9 37.5 56.3
103 60.3 45.2 67.8





#67
Bromoform
Concen: 0.216 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

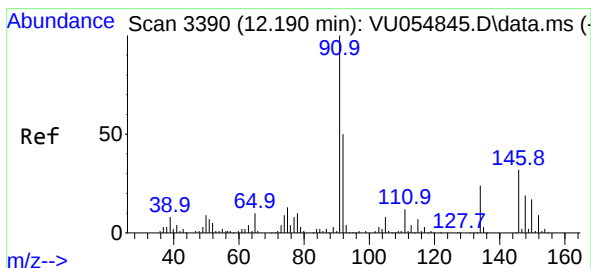
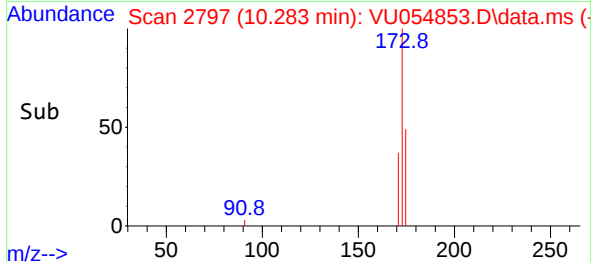
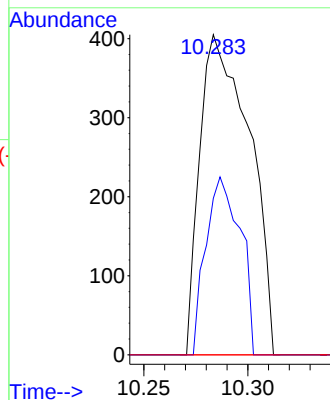


Tgt Ion:173 Resp: 67
Ion Ratio Lower Upper
173 100
175 38.6 39.0 58.6
254 0.0 7.4 11.0

Manual Integrations
APPROVED

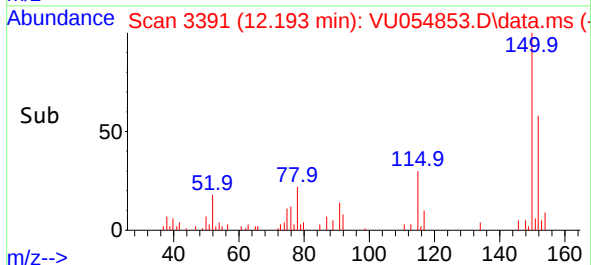
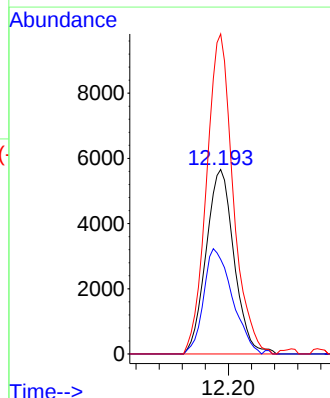
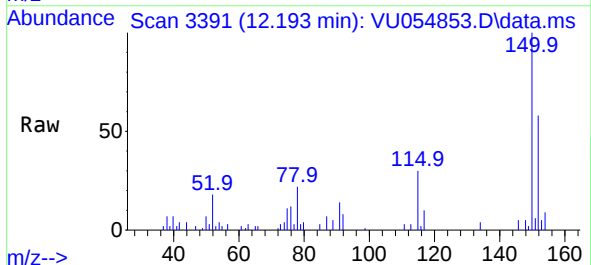
Reviewed By :John
Carlone
07/25/2023

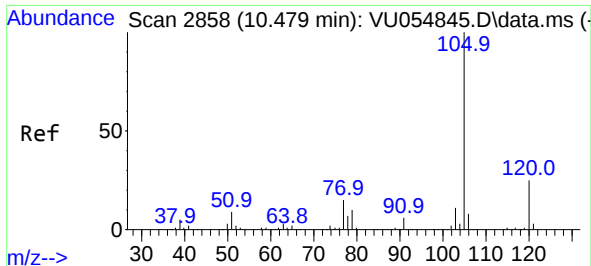
Supervised By :Mahesh
Dadoda
07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.986 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

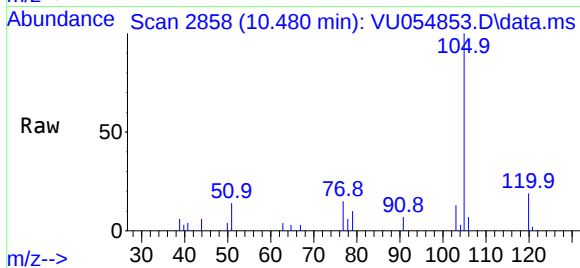
Tgt Ion:152 Resp: 9508
Ion Ratio Lower Upper
152 100
115 58.5 0.0 234.8
150 165.0 0.0 598.2





#69
Isopropylbenzene
Concen: 0.244 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

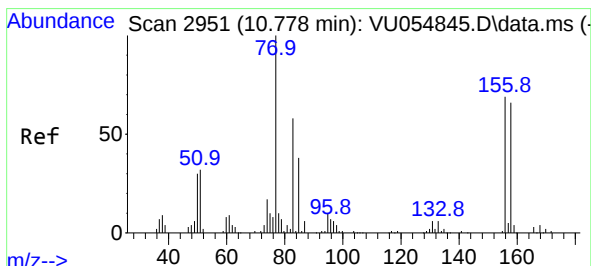
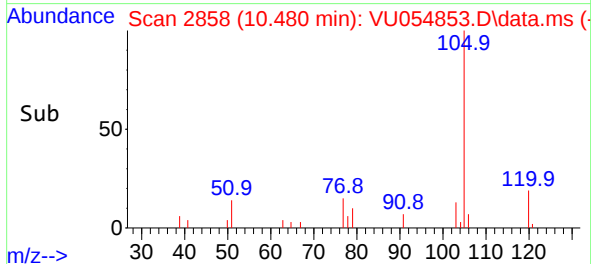
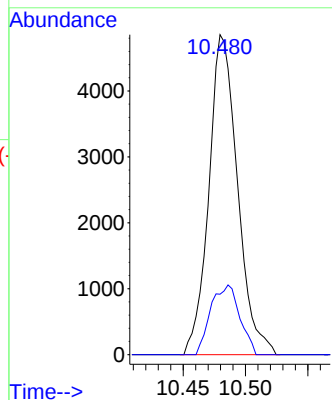


Tgt Ion:105 Resp: 7769
Ion Ratio Lower Upper
105 100
120 22.0 12.6 37.6

Manual Integrations
APPROVED

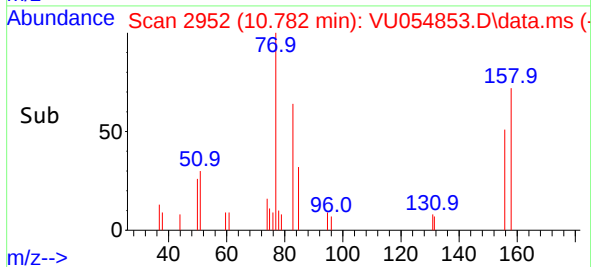
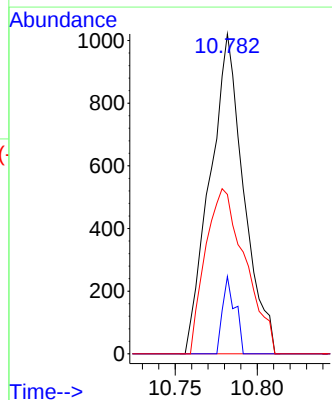
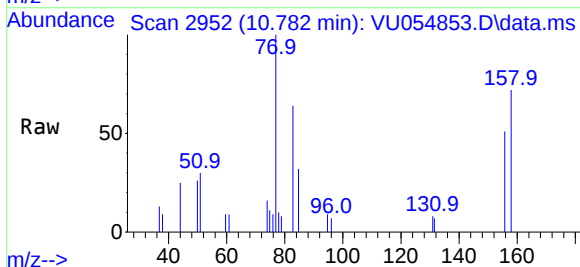
Reviewed By :John
Carlone
07/25/2023

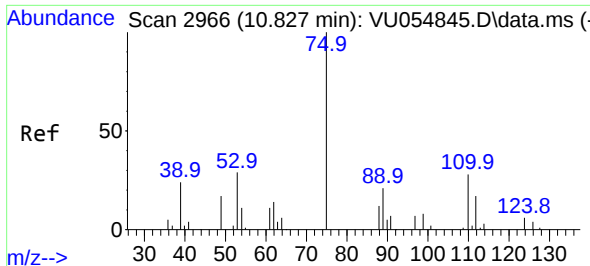
Supervised By :Mahesh
Dadoda
07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.243 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

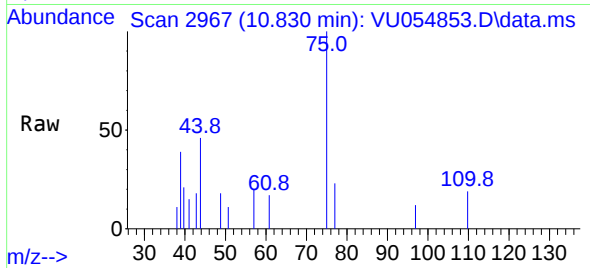
Tgt Ion: 83 Resp: 1460
Ion Ratio Lower Upper
83 100
131 9.0 7.5 11.3
85 60.8 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.333 ug/l
RT: 10.830 min Scan# 2966
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

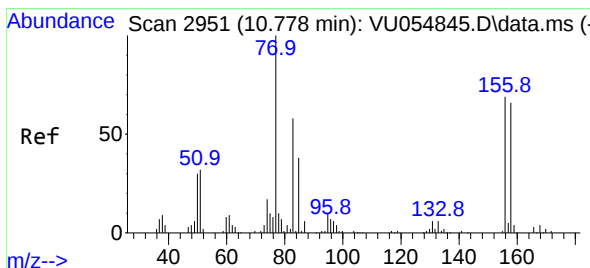
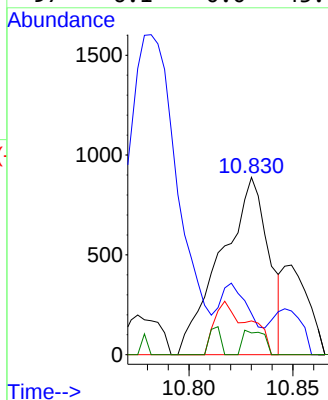
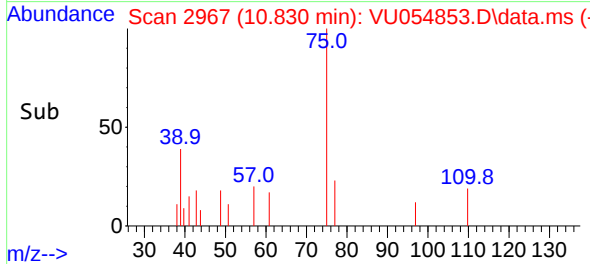


Tgt Ion: 75 Resp: 141
Ion Ratio Lower Upper
75 100
77 15.8 0.0 0.0
110 0.0 0.0 80.8
97 6.1 0.0 43.4

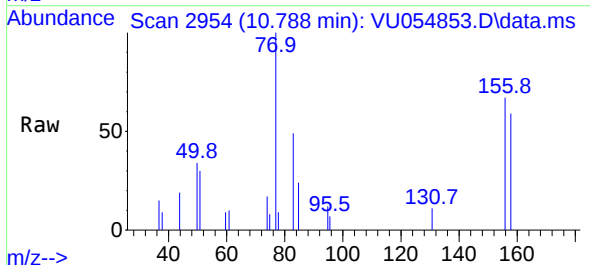
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

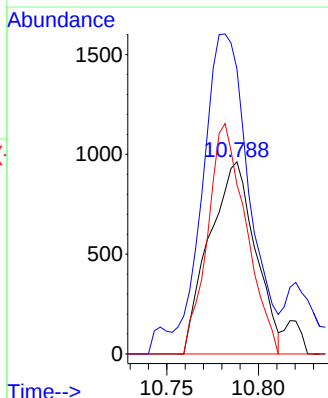
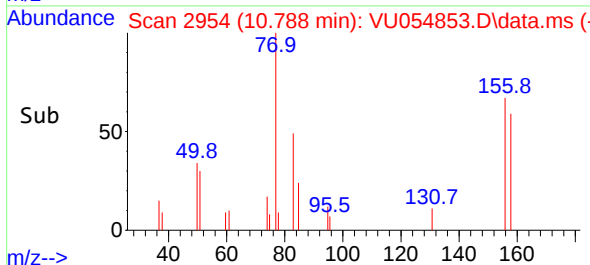
Supervised By :Mahesh
Dadoda
07/31/2023

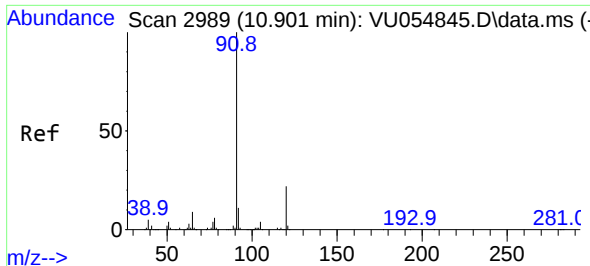


#72
Bromobenzene
Concen: 0.228 ug/l
RT: 10.788 min Scan# 2954
Delta R.T. 0.010 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14



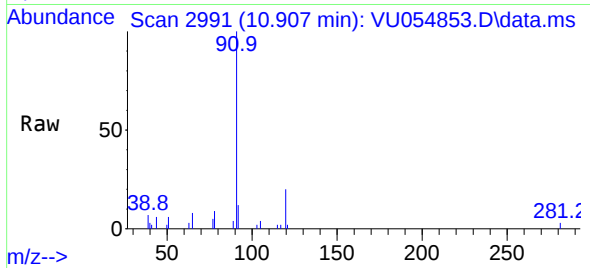
Tgt Ion:156 Resp: 1676
Ion Ratio Lower Upper
156 100
77 167.1 0.0 293.2
158 100.2 0.0 189.8





#73
n-propylbenzene
Concen: 0.206 ug/l
RT: 10.907 min Scan# 2991
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

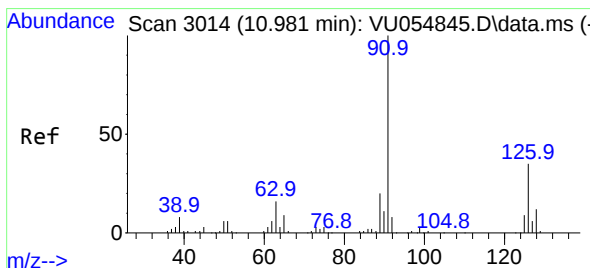
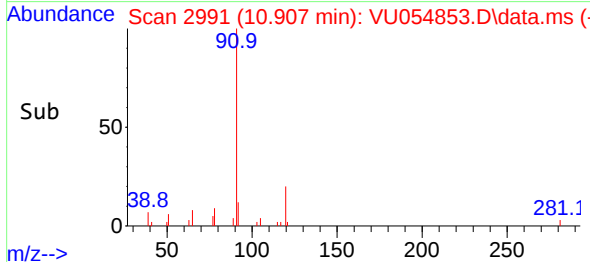
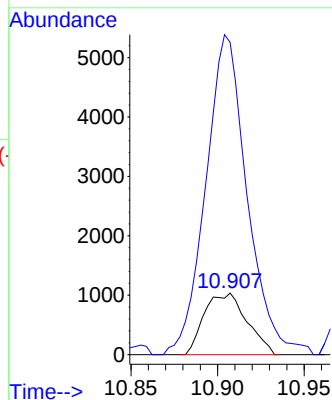


Tgt Ion:120 Resp: 1769
Ion Ratio Lower Upper
120 100
91 507.0 361.8 542.6

Manual Integrations
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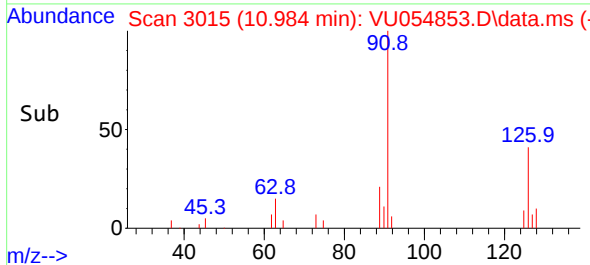
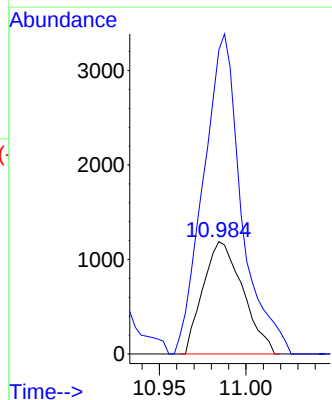
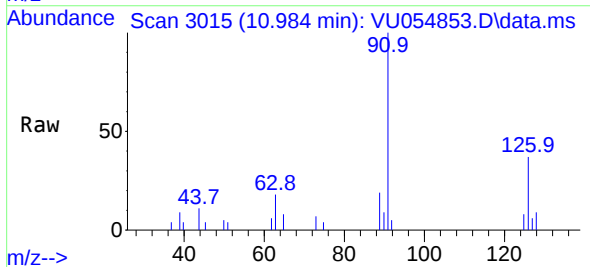
Reviewed By :John
Carlone
07/25/2023

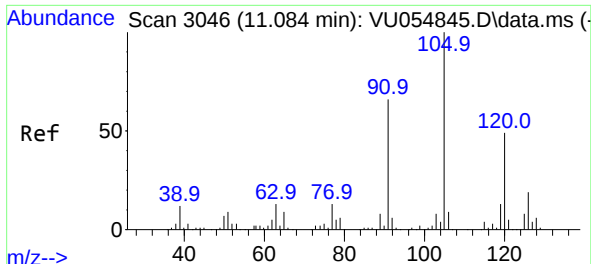
Supervised By :Mahesh
Dadoda
07/31/2023



#74
2-Chlorotoluene
Concen: 0.254 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Tgt Ion:126 Resp: 1897
Ion Ratio Lower Upper
126 100
91 272.1 0.0 561.4





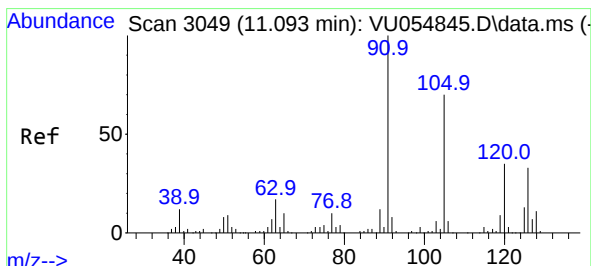
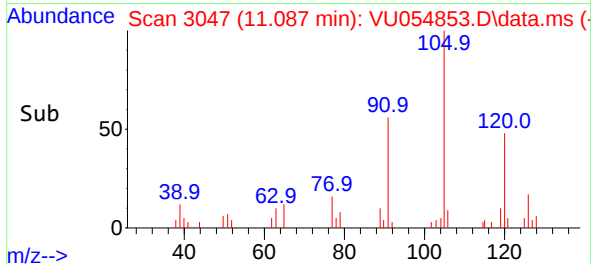
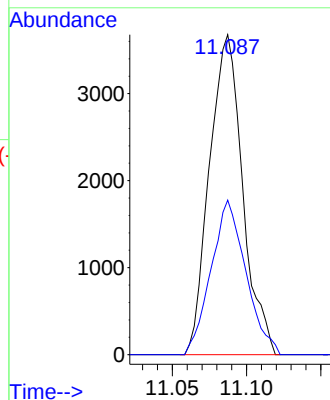
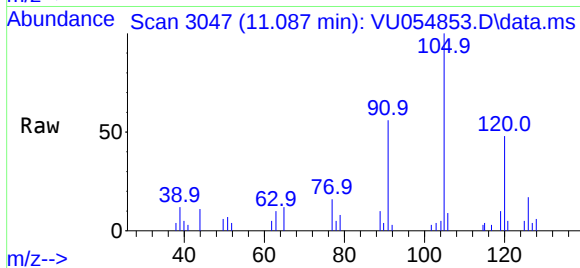
#75
1,3,5-Trimethylbenzene
Concen: 0.220 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 5724
Ion Ratio Lower Upper
105 100
120 50.7 39.0 58.4

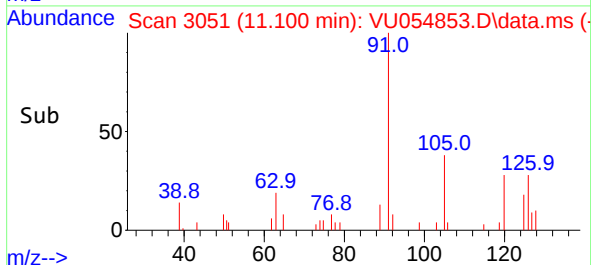
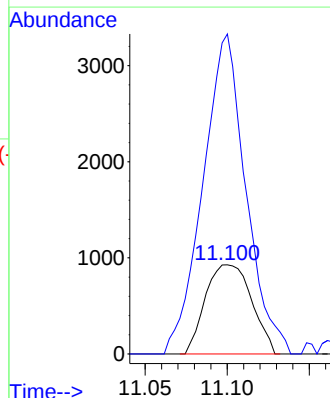
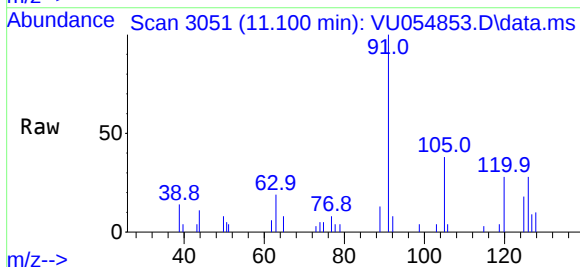
Manual Integrations
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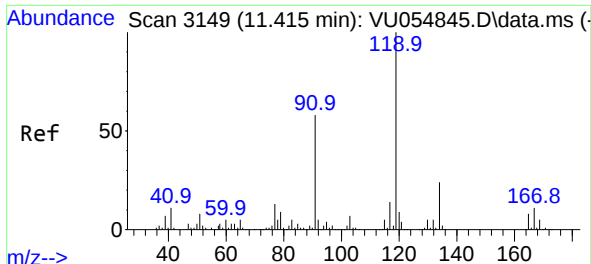
Reviewed By :John
Carlone
07/25/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#76
4-Chlorotoluene
Concen: 0.237 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

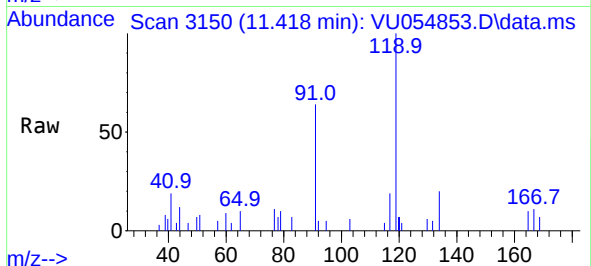
Tgt Ion:126 Resp: 1819
Ion Ratio Lower Upper
126 100
91 332.4 0.0 623.4





#77
tert-Butylbenzene
Concen: 0.222 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

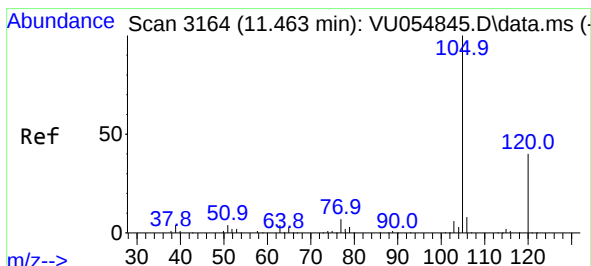
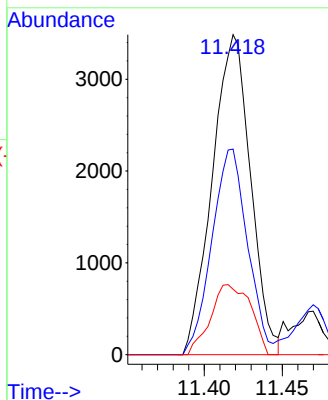
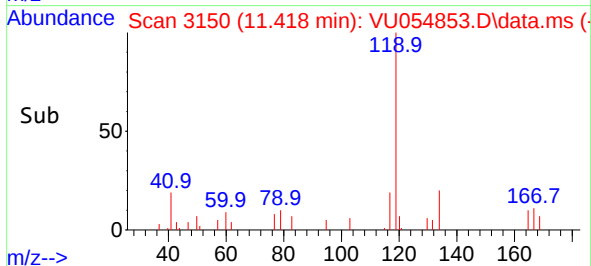


Tgt Ion:119 Resp: 5952
Ion Ratio Lower Upper
119 100
91 59.9 27.7 83.1
134 23.0 18.6 27.8

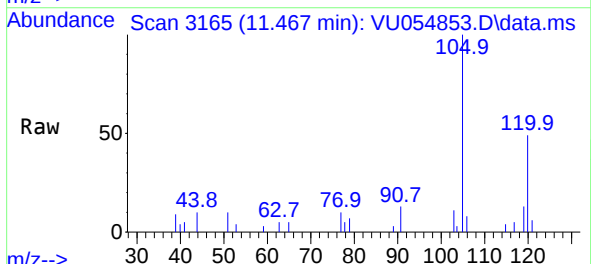
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

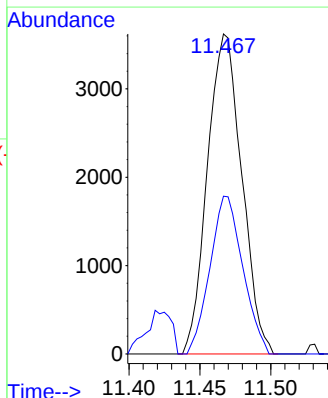
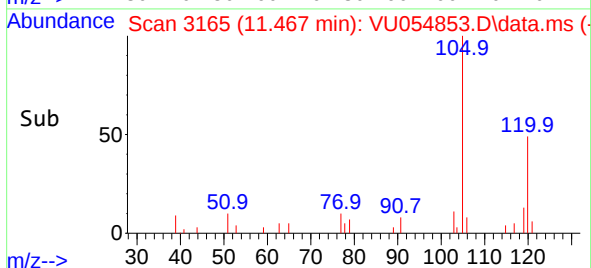
Supervised By :Mahesh
Dadoda
07/31/2023

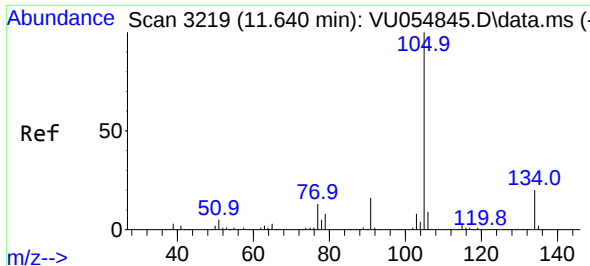


#78
1,2,4-Trimethylbenzene
Concen: 0.234 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14



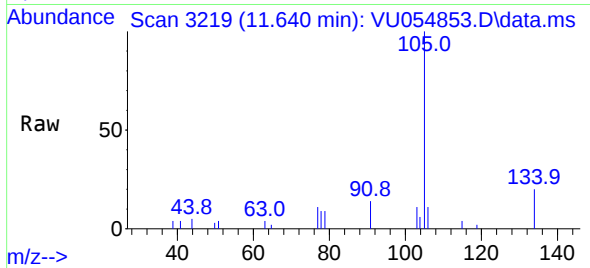
Tgt Ion:105 Resp: 6110
Ion Ratio Lower Upper
105 100
120 47.1 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.230 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054853.D
 Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

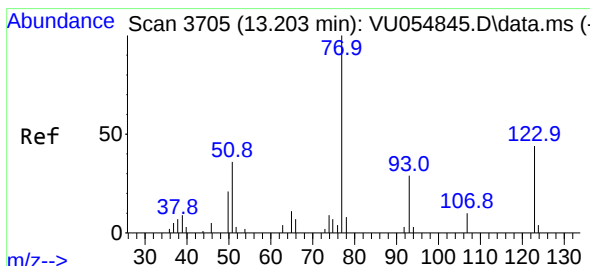
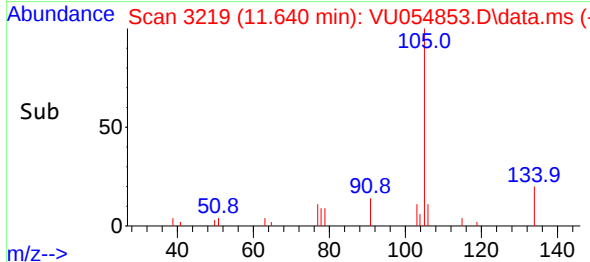
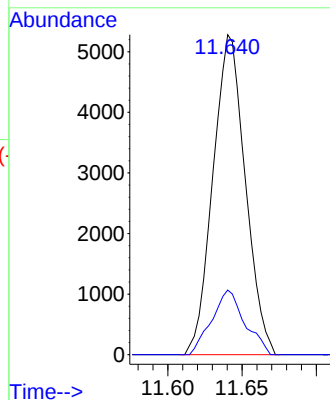


Tgt Ion:105 Resp: 7999
 Ion Ratio Lower Upper
 105 100
 134 20.7 15.7 23.5

Manual Integrations
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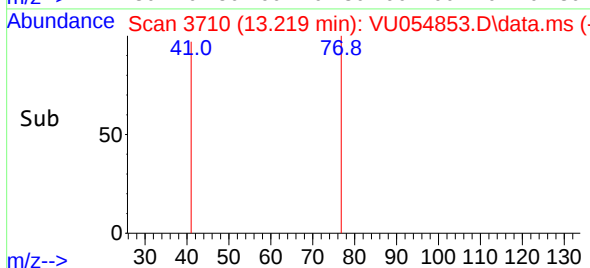
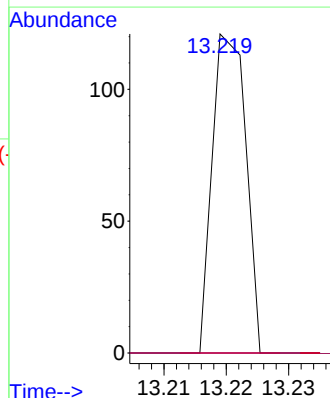
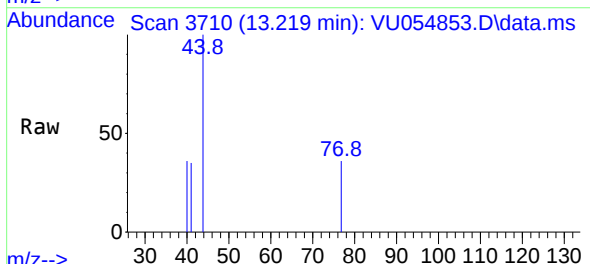
Reviewed By :John
 Carlone
 07/25/2023

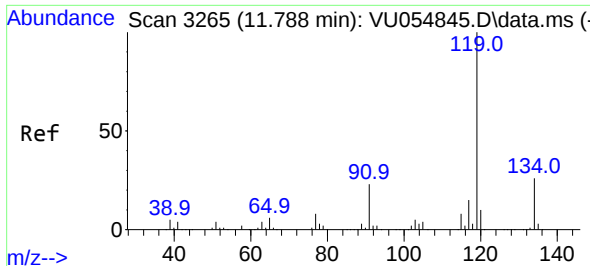
Supervised By :Mahesh
 Dadoda
 07/31/2023



#80
 Nitrobenzene
 Concen: 0.258 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU054853.D
 Acq: 24 Jul 2023 12:14

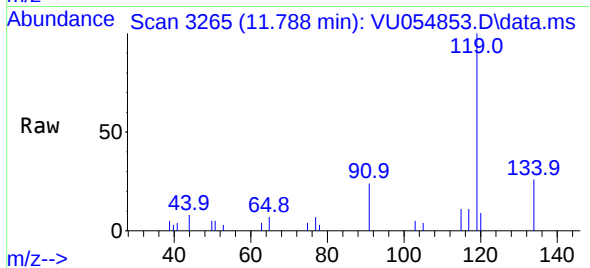
Tgt Ion: 77 Resp: 45
 Ion Ratio Lower Upper
 77 100
 123 108.9 20.2 71.8#
 65 0.0 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.230 ug/l
RT: 11.788 min Scan# 3119
Delta R.T. 0.000 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

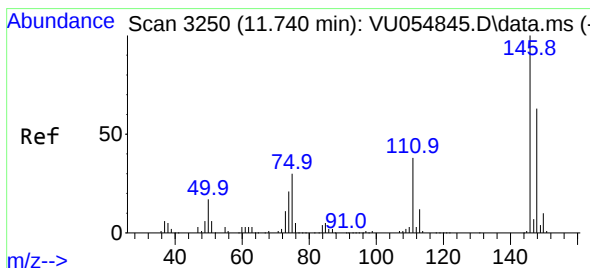
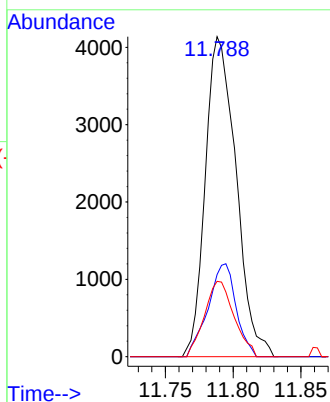
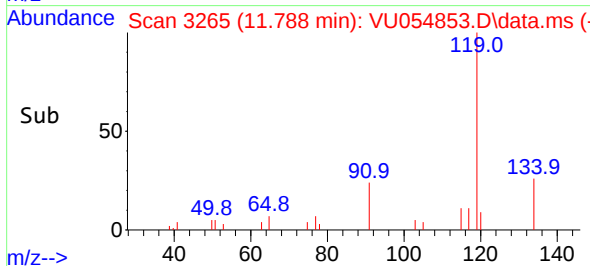


Tgt Ion:119 Resp: 6519
Ion Ratio Lower Upper
119 100
134 26.5 20.6 31.0
91 22.7 18.2 27.4

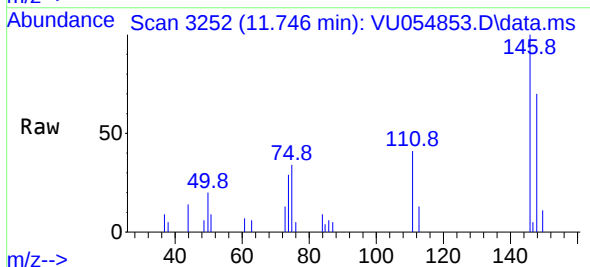
Manual Integrations
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Reviewed By :John
Carlone
07/25/2023

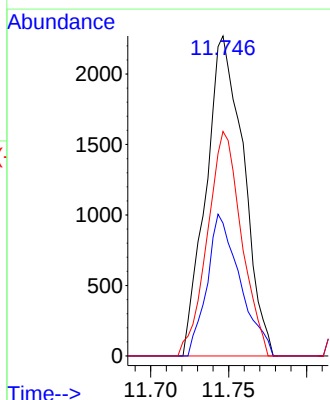
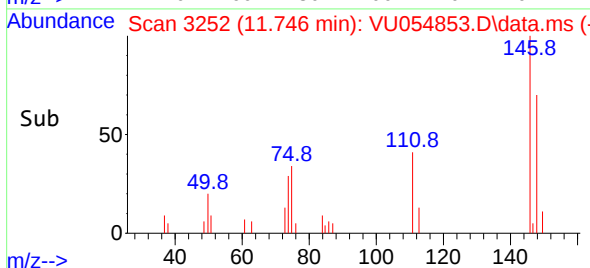
Supervised By :Mahesh
Dadoda
07/31/2023

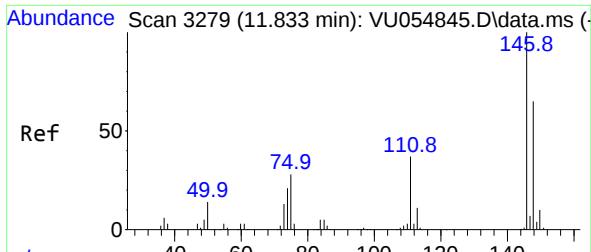


#82
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14



Tgt Ion:146 Resp: 3793
Ion Ratio Lower Upper
146 100
111 39.1 30.5 45.7
148 63.9 51.0 76.6





#83

1,4-Dichlorobenzene

Concen: 0.257 ug/l

RT: 11.840 min Scan# 3281

Delta R.T. 0.007 min

Lab File: VU054853.D

Acq: 24 Jul 2023 12:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:146 Resp: 3792

Ion	Ratio	Lower	Upper
146	100		
111	39.7	29.5	44.3
148	68.3	51.2	76.8

Manual Integrations

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Reviewed By :John

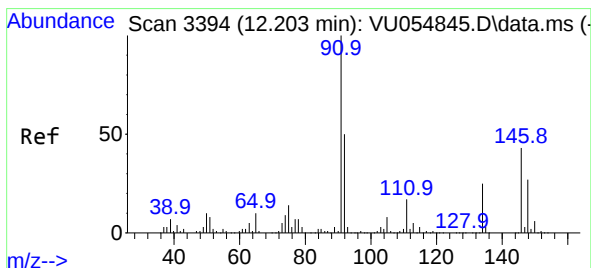
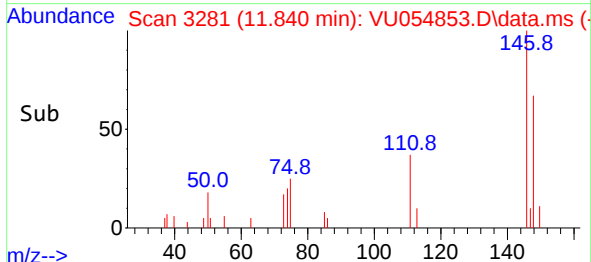
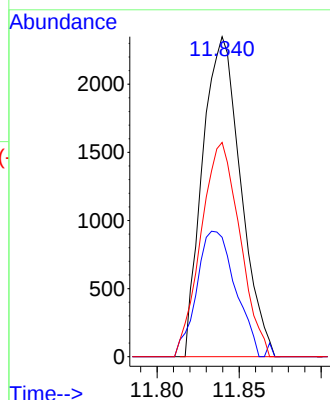
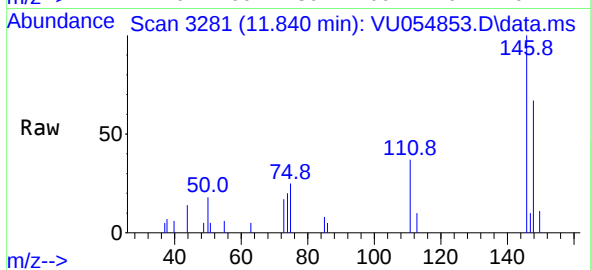
Carlone

07/25/2023

Supervised By :Mahesh

Dadoda

07/31/2023



#84

n-Butylbenzene

Concen: 0.275 ug/l

RT: 12.206 min Scan# 3395

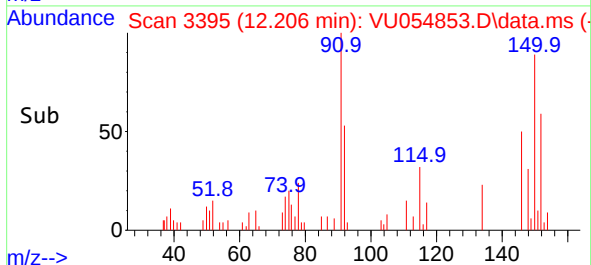
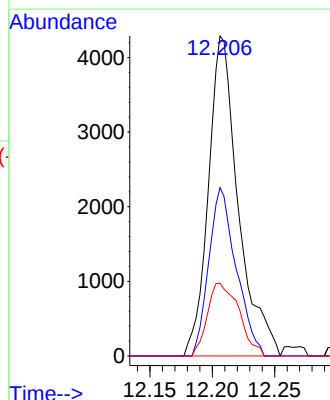
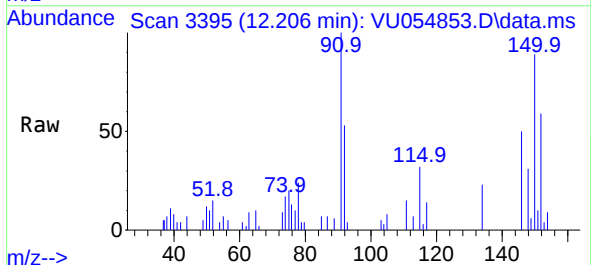
Delta R.T. 0.003 min

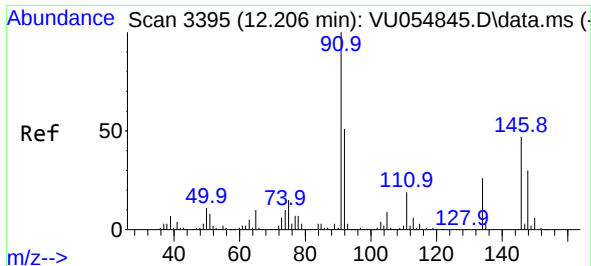
Lab File: VU054853.D

Acq: 24 Jul 2023 12:14

Tgt Ion: 91 Resp: 7154

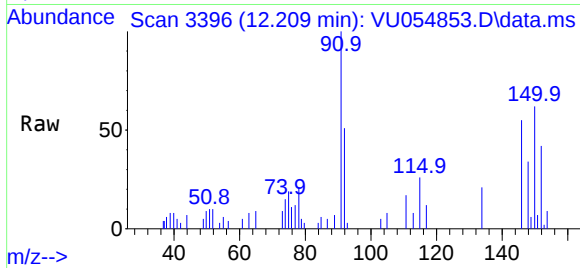
Ion	Ratio	Lower	Upper
91	100		
92	48.2	39.8	59.8
134	24.1	20.2	30.4





#85
1,2-Dichlorobenzene
Concen: 0.274 ug/l
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

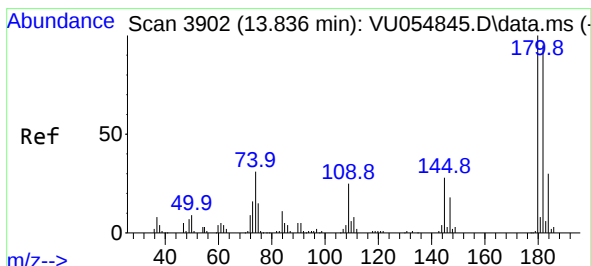
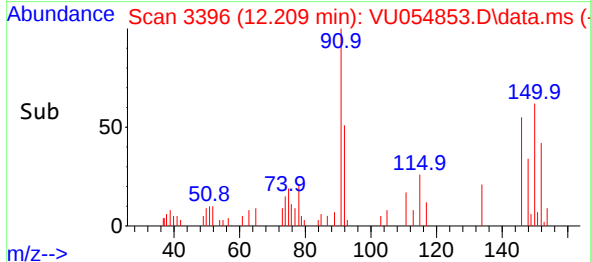
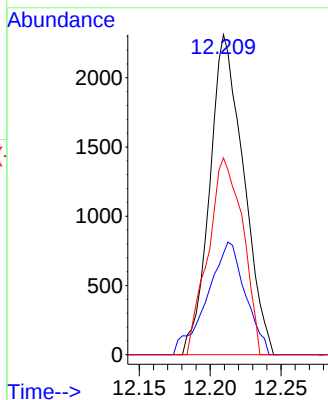


Tgt Ion:146 Resp: 384
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.4
148 62.9 31.8 95.3

Manual Integrations
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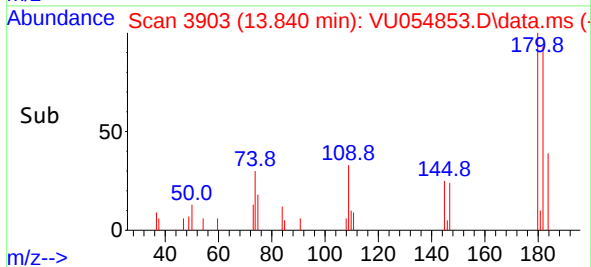
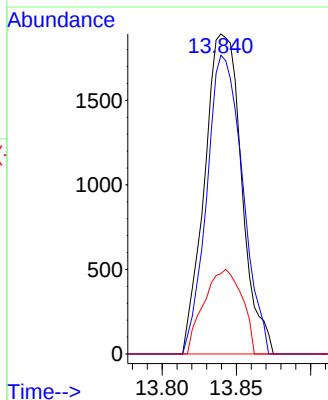
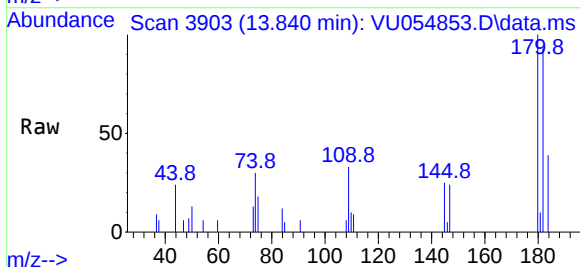
Reviewed By :John
Carlone
07/25/2023

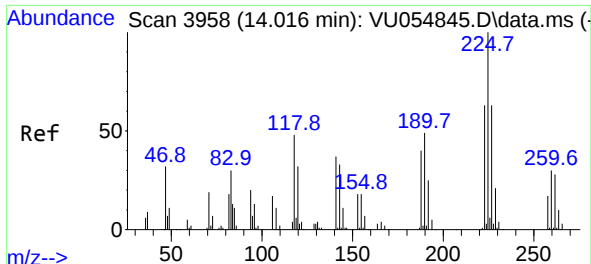
Supervised By :Mahesh
Dadoda
07/31/2023



#87
1,2,4-Trichlorobenzene
Concen: 0.366 ug/l
RT: 13.840 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

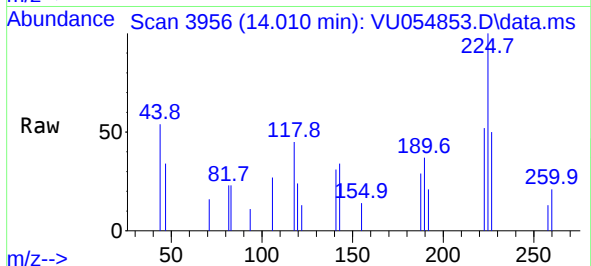
Tgt Ion:180 Resp: 3288
Ion Ratio Lower Upper
180 100
182 90.1 77.0 115.6
145 26.9 23.4 35.0





#88
Hexachlorobutadiene
Concen: 0.274 ug/l
RT: 14.010 min Scan# 3958
Delta R.T. -0.006 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

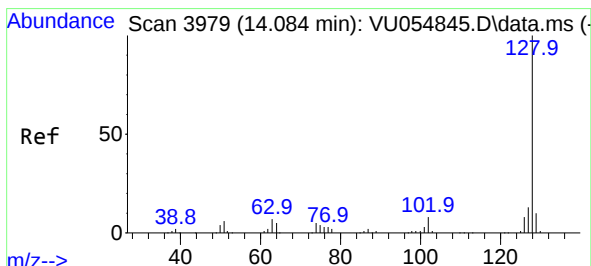
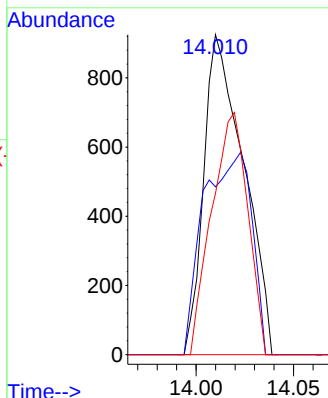
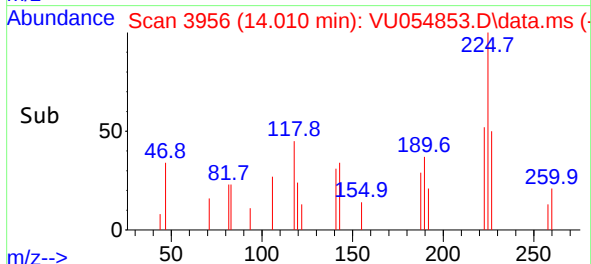


Tgt Ion:225 Resp: 1315
Ion Ratio Lower Upper
225 100
223 76.4 50.6 76.0
227 68.5 50.7 76.1

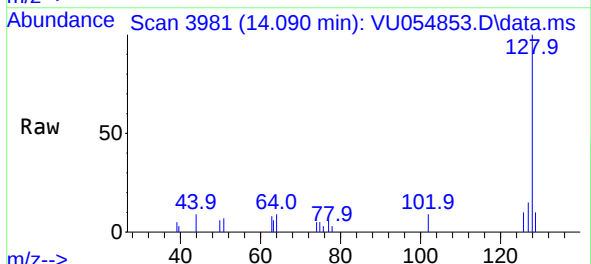
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

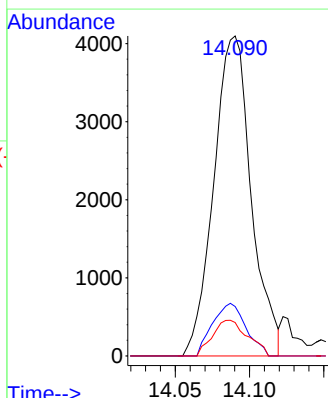
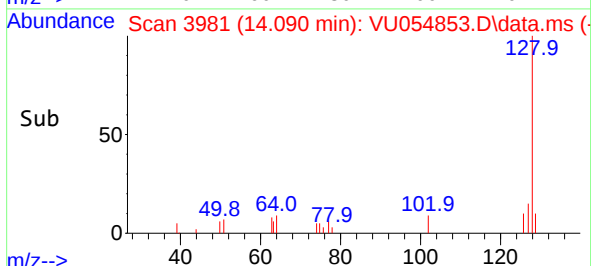
Supervised By :Mahesh
Dadoda
07/31/2023

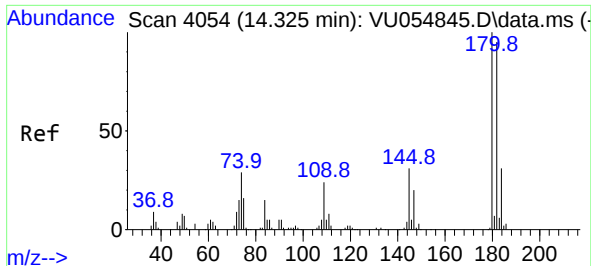


#89
Naphthalene
Concen: 0.494 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU054853.D
Acq: 24 Jul 2023 12:14



Tgt Ion:128 Resp: 7189
Ion Ratio Lower Upper
128 100
127 14.7 10.6 15.8
129 10.5 8.7 13.1





#90

1,2,3-Trichlorobenzene

Concen: 0.382 ug/l

RT: 14.328 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU054853.D

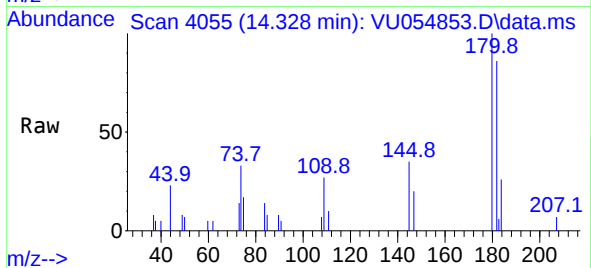
Acq: 24 Jul 2023 12:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	180	Resp:	296
Ion	Ratio	Lower	Upper
180	100		
182	100.8	76.0	114.0
145	36.3	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :John

Carlone

07/25/2023

Supervised By :Mahesh

Dadoda

07/31/2023

