

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054854.D
 Acq On : 24 Jul 2023 12:38
 Operator : MD/SY
 Sample : 03572-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 25 05:52:17 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

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

Internal Standards						
1) Fluorobenzene	6.113	96	26425	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7687	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9450	1.023	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	1692	0.322	ug/l	86
3) Chloromethane	1.522	50	2609	0.427	ug/l	# 86
4) Vinyl Chloride	1.602	62	2557	0.326	ug/l	97
5) Bromomethane	1.856	94	2321	0.417	ug/l	83
6) Chloroethane	1.930	64	2623	0.354	ug/l	# 88
7) Trichlorofluoromethane	2.133	101	6156	0.324	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.583	101	2018	0.371	ug/l	87
9) 1,1-Dichloroethene	2.573	96	1513	0.333	ug/l	92
10) Iodomethane	2.721	142	2341	0.320	ug/l	# 56
11) Allyl Chloride	2.920	41	2004m	0.376	ug/l	
12) Acrylonitrile	3.338	53	320	0.289	ug/l	# 47
13) Acetone	2.660	43	2754m	2.905	ug/l	
14) Carbon Disulfide	2.788	76	2638	0.344	ug/l	95
15) Methylene Chloride	3.042	84	4748	0.560	ug/l	89
16) trans-1,2-Dichloroethene	3.354	96	1517	0.300	ug/l	90
17) 1,1-Dichloroethane	3.869	63	3791	0.355	ug/l	# 81
18) 2-Butanone	4.740	43	2341m	1.688	ug/l	
19) Cyclohexane	5.383	56	2689	0.434	ug/l	97
20) Methylcyclohexane	6.759	83	2828	0.344	ug/l	97
21) 2,2-Dichloropropane	4.653	77	3481	0.373	ug/l	# 61
22) cis-1,2-Dichloroethene	4.653	96	2260	0.353	ug/l	89
23) Diethyl Ether	2.374	59	2439	0.349	ug/l	# 88
24) tert-Butyl Alcohol	3.296	59	1239m	2.059	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	5607	0.404	ug/l	99
26) Bromochloromethane	4.968	128	713m	0.292	ug/l	
27) Chloroform	5.087	83	4182	0.356	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	3364	0.341	ug/l	97
29) 1,1-Dichloropropene	5.528	75	2251	0.321	ug/l	96
30) Carbon Tetrachloride	5.515	117	2337	0.285	ug/l	# 84
31) Isopropyl Ether	3.991	45	5990	0.379	ug/l	91
32) Ethyl-t-butyl ether	4.505	59	5689	0.350	ug/l	# 66
33) Tert-Amyl methyl ether	5.939	73	5309	0.347	ug/l	# 95
34) Propionitrile	4.824	54	151	0.364	ug/l	# 1
35) Benzene	5.775	78	7972	0.349	ug/l	97
36) 1,2-Dichloroethane	5.801	62	2369	0.361	ug/l	# 88
37) Trichloroethene	6.541	130	2154	0.349	ug/l	99
38) 1,2-Dichloropropane	6.795	63	2195	0.333	ug/l	# 76
41) Tetrahydrofuran	5.087	42	399	0.457	ug/l	# 36
42) 1-Chlorobutane	5.457	56	3514	0.370	ug/l	95
43) Dibromomethane	6.920	93	1091	0.356	ug/l	# 51
44) Bromodichloromethane	7.103	83	2895	0.345	ug/l	# 99
45) 4-Methyl-2-Pentanone	7.795	43	6137	1.692	ug/l	97
46) t-1,4-Dichloro-2-butene	10.843	75	577m	0.380	ug/l	

07/25/2023
 Supervised By :Mahesh
 Padada

07/31/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054854.D
 Acq On : 24 Jul 2023 12:38
 Operator : MD/SY
 Sample : 03572-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 25 05:52:17 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

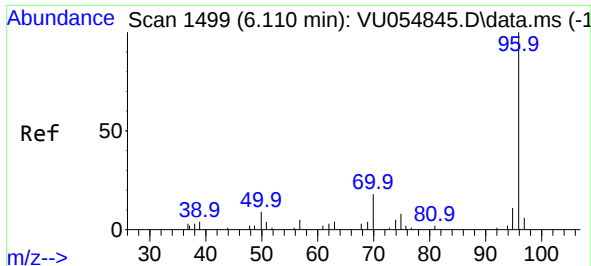
Reviewed By :John
 Carlone

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) Methyl methacrylate	6.972	69	1749	0.608	ug/l	#	89
48) Ethyl methacrylate	8.338	69	1802	0.308	ug/l		95
49) Toluene	7.968	92	5153	0.354	ug/l		97
50) t-1,3-Dichloropropene	8.209	75	2574	0.346	ug/l		97
51) cis-1,3-Dichloropropene	7.605	75	3225	0.356	ug/l	#	87
52) 1,1,2-Trichloroethane	8.399	97	1211	0.262	ug/l	#	92
53) 1,3-Dichloropropane	8.576	76	2904	0.373	ug/l		96
54) 2-Hexanone	8.692	43	4122	1.630	ug/l		96
55) Dibromochloromethane	8.808	129	1725	0.312	ug/l		90
56) 1,2-Dibromoethane	8.926	107	1255	0.310	ug/l		83
58) Tetrachloroethene	8.547	164	1836	0.342	ug/l	#	87
59) Chlorobenzene	9.447	112	6264	0.361	ug/l	#	87
60) 1,1,1,2-Tetrachloroethane	9.531	131	2272	0.371	ug/l	#	83
61) Pentachloroethane	11.425	117	1381	0.286	ug/l		90
62) Hexachloroethane	12.476	117	1341	0.271	ug/l		84
63) Ethyl Benzene	9.570	91	9609	0.325	ug/l		93
64) m/p-Xylenes	9.692	106	7297	0.652	ug/l		93
65) o-Xylene	10.097	106	3757	0.333	ug/l		95
66) Styrene	10.116	104	5205	0.288	ug/l	#	88
67) Bromoform	10.290	173	924	0.310	ug/l	#	94
69) Isopropylbenzene	10.479	105	10002	0.327	ug/l		90
70) 1,1,2,2-Tetrachloroethane	10.778	83	1711	0.297	ug/l	#	95
71) 1,2,3-Trichloropropane	10.827	75	1627m	0.400	ug/l		
72) Bromobenzene	10.782	156	2046	0.290	ug/l		80
73) n-propylbenzene	10.904	120	2406	0.293	ug/l		87
74) 2-Chlorotoluene	10.984	126	2672	0.374	ug/l		88
75) 1,3,5-Trimethylbenzene	11.087	105	8214	0.330	ug/l		99
76) 4-Chlorotoluene	11.100	126	2460	0.335	ug/l		91
77) tert-Butylbenzene	11.415	119	8943	0.349	ug/l		99
78) 1,2,4-Trimethylbenzene	11.467	105	8177	0.327	ug/l		96
79) sec-Butylbenzene	11.640	105	9939	0.299	ug/l		98
80) Nitrobenzene	13.232	77	178	1.065	ug/l	#	45
81) p-Isopropyltoluene	11.791	119	7958	0.294	ug/l		95
82) 1,3-Dichlorobenzene	11.746	146	5007	0.355	ug/l		96
83) 1,4-Dichlorobenzene	11.836	146	4833	0.341	ug/l		96
84) n-Butylbenzene	12.209	91	7309	0.293	ug/l		99
85) 1,2-Dichlorobenzene	12.213	146	4895	0.364	ug/l		94
86) 1,2-Dibromo-3-Chloropr...	12.991	75	198	0.262	ug/l	#	6
87) 1,2,4-Trichlorobenzene	13.839	180	2901	0.337	ug/l	#	85
88) Hexachlorobutadiene	14.020	225	1416	0.308	ug/l	#	88
89) Naphthalene	14.087	128	5503	0.395	ug/l	#	94
90) 1,2,3-Trichlorobenzene	14.328	180	2447	0.328	ug/l		85

07/25/2023
 Supervised By :Mahesh
 Dadoda

07/31/2023

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

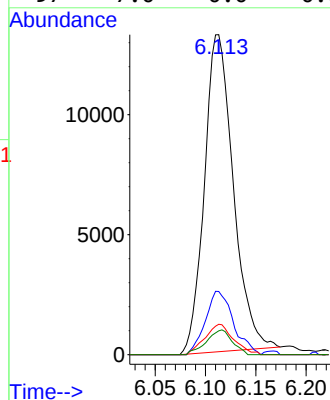
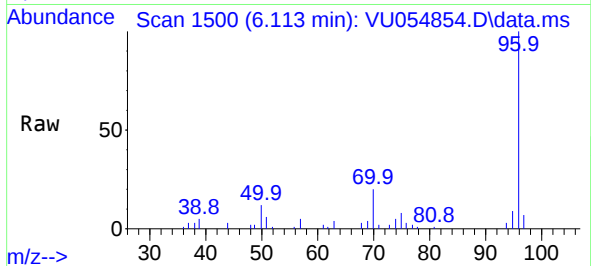
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 96 Resp: 2642

Ion	Ratio	Lower	Upper
96	100		
70	19.4	14.0	21.0
95	9.5	8.7	13.1
97	7.0	0.0	0.0

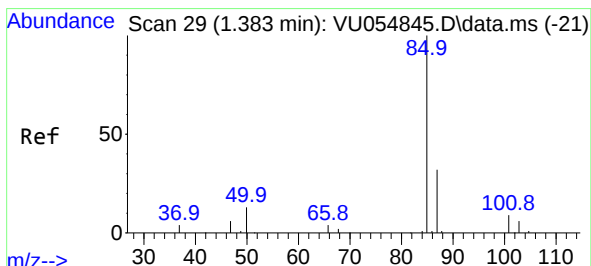
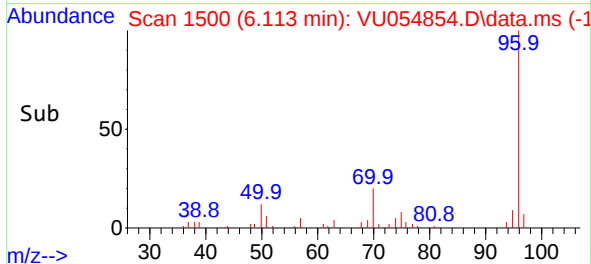
Manual Integrations
APPROVED

Reviewed By :John
Carlone



07/25/2023
Supervised By :Mahesh
Dadoda

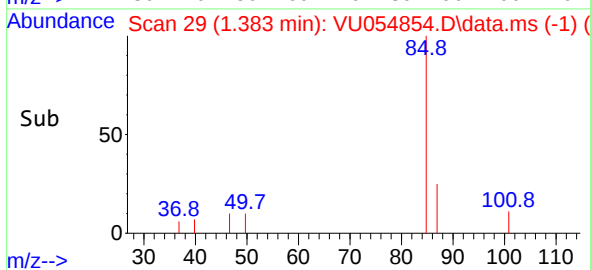
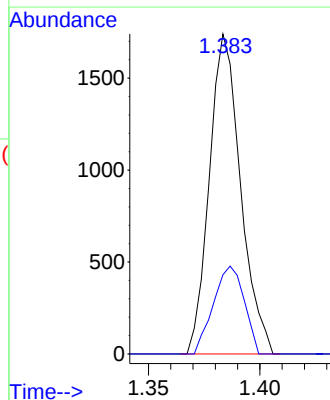
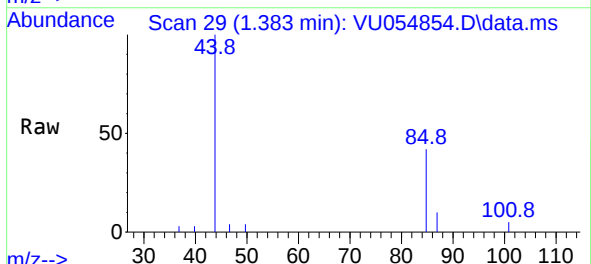
07/31/2023

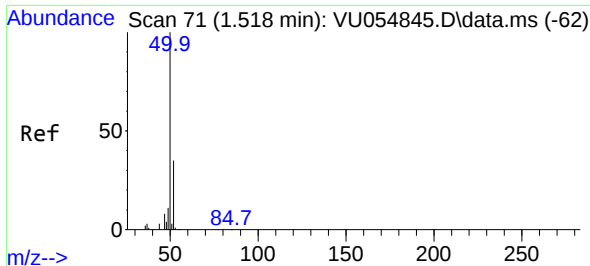


#2
Dichlorodifluoromethane
Concen: 0.322 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion: 85 Resp: 1692

Ion	Ratio	Lower	Upper
85	100		
87	24.8	16.2	48.6





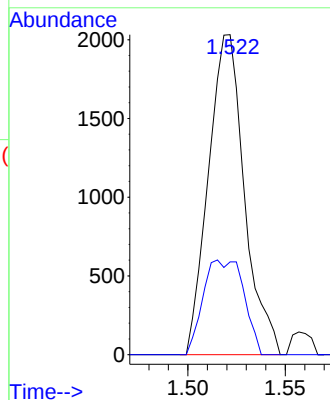
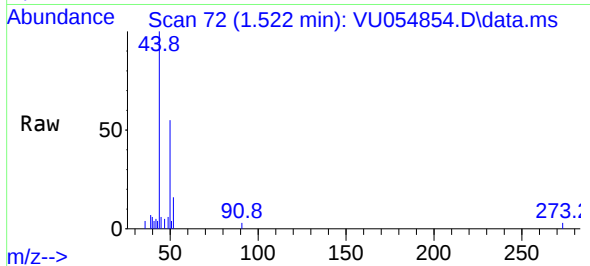
#3
Chloromethane
Concen: 0.427 ug/l
RT: 1.522 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion: 50 Resp: 2609
Ion Ratio Lower Upper
50 100
52 27.2 28.2 42.2

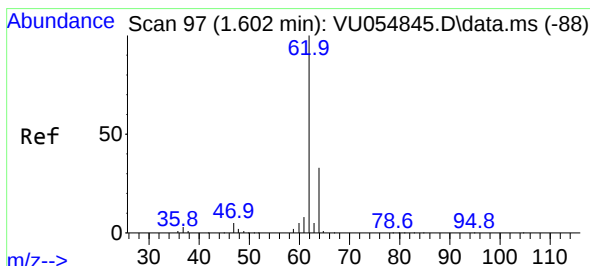
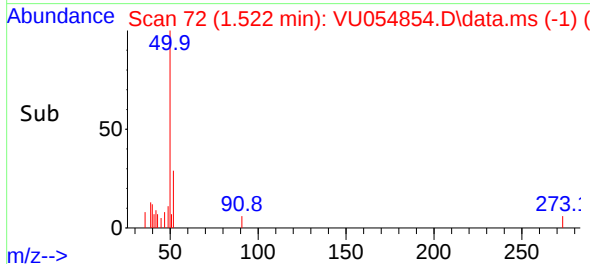
Manual Integrations
APPROVED

Reviewed By :John
Carlone



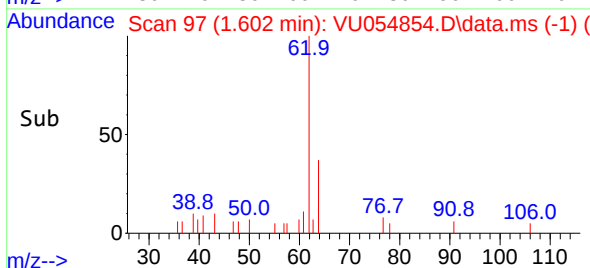
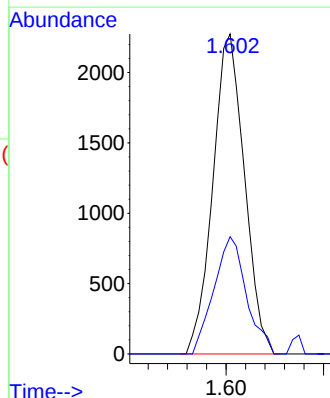
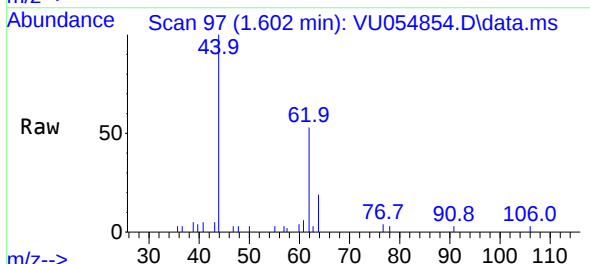
07/25/2023
Supervised By :Mahesh
Dadoda

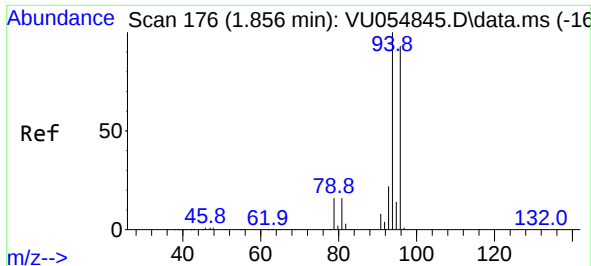
07/31/2023



#4
Vinyl Chloride
Concen: 0.326 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

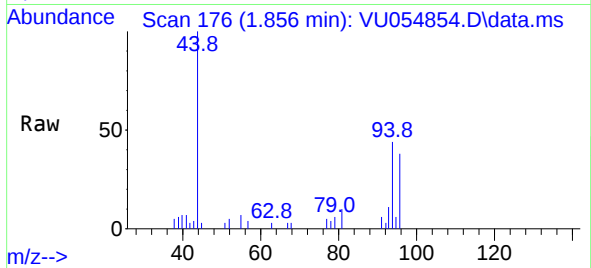
Tgt Ion: 62 Resp: 2557
Ion Ratio Lower Upper
62 100
64 34.4 26.4 39.6





#5
Bromomethane
Concen: 0.417 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

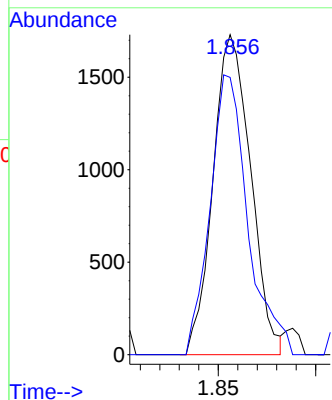
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 76.6 74.6 111.8

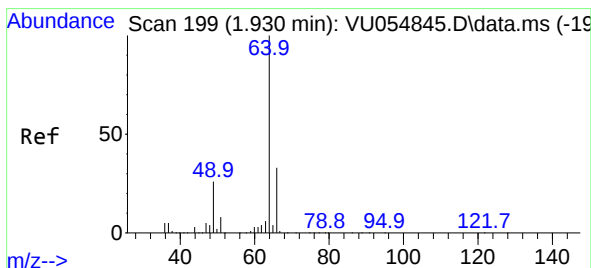
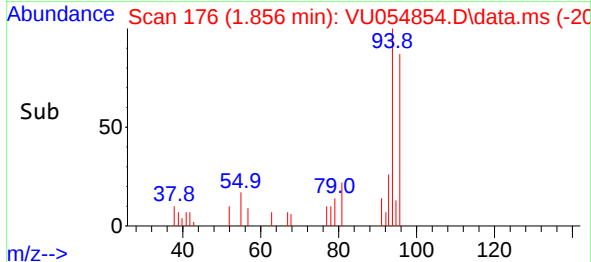
Manual Integrations
APPROVED

Reviewed By :John
Carlone



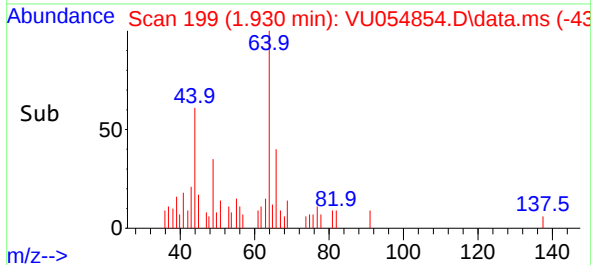
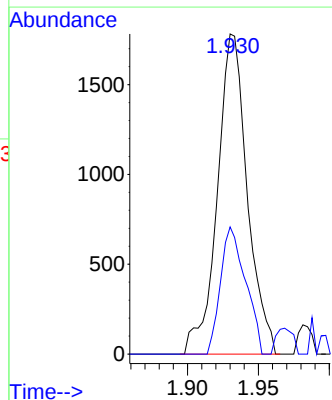
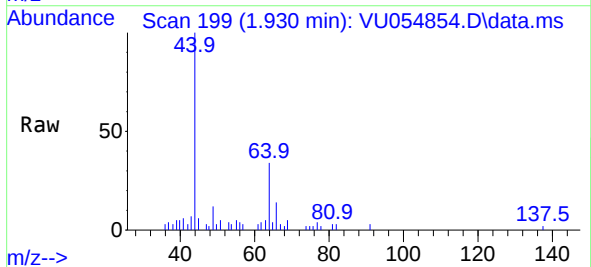
07/25/2023
Supervised By :Mahesh
Dadoda

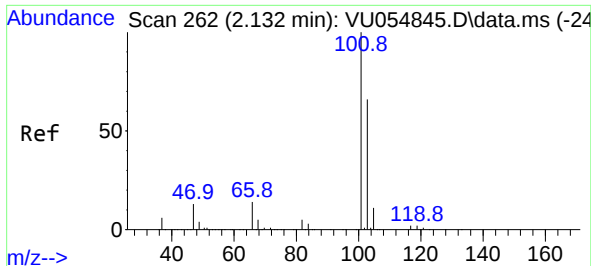
07/31/2023



#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

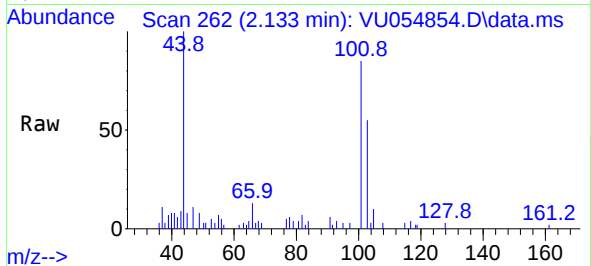
Tgt Ion: 64 Resp: 2623
Ion Ratio Lower Upper
64 100
66 39.7 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 0.324 ug/l
RT: 2.133 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

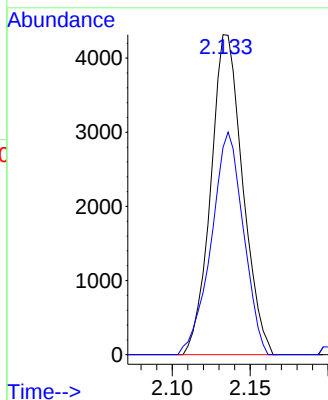
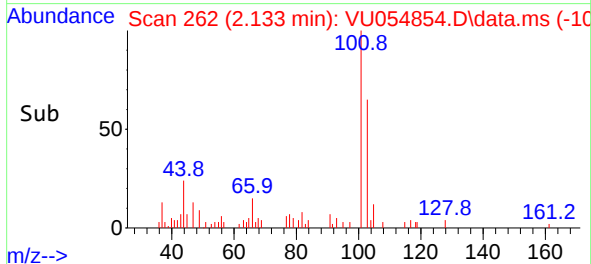
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:101 Resp: 6150
Ion Ratio Lower Upper
101 100
103 64.8 52.9 79.3

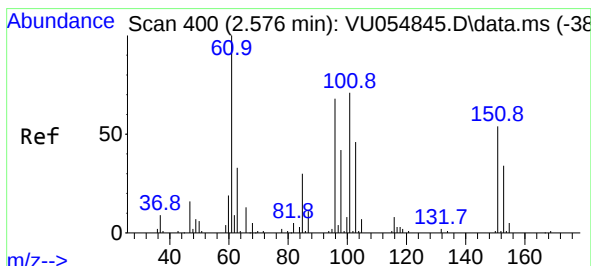
Manual Integrations
APPROVED

Reviewed By :John
Carlone

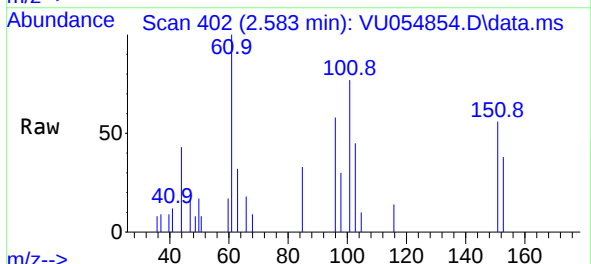


07/25/2023
Supervised By :Mahesh
Dadoda

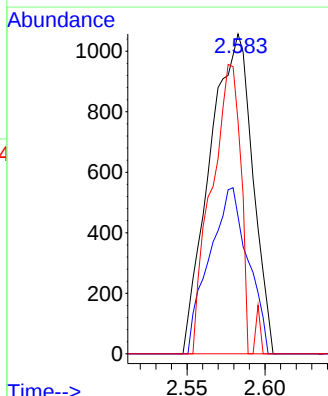
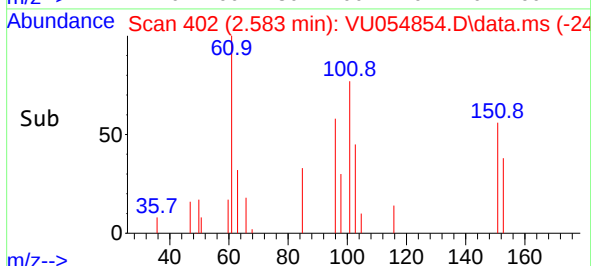
07/31/2023

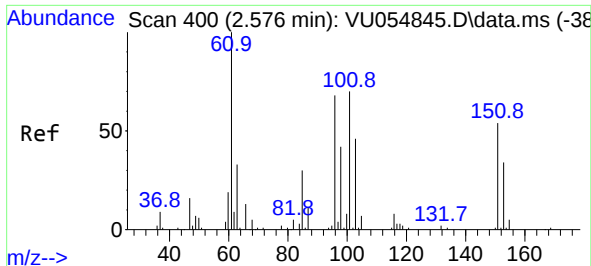


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.371 ug/l
RT: 2.583 min Scan# 402
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion:101 Resp: 2018
Ion Ratio Lower Upper
101 100
85 47.1 34.8 52.2
151 61.1 60.5 90.7





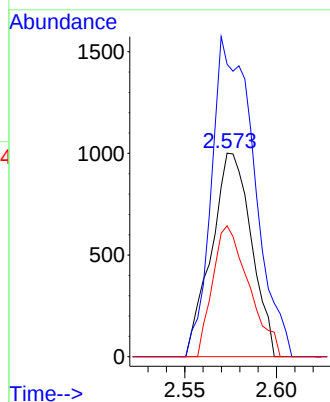
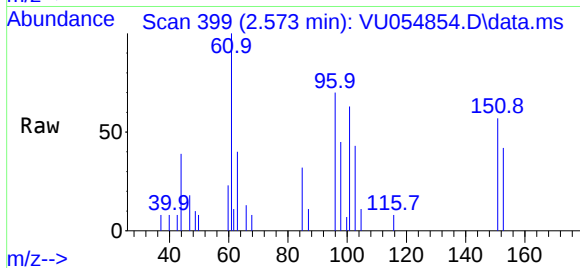
#9
1,1-Dichloroethene
Concen: 0.333 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion: 96 Resp: 151
Ion Ratio Lower Upper
96 100
61 159.2 0.0 440.1
98 64.3 0.0 121.8

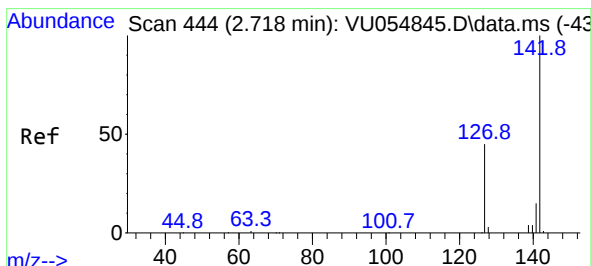
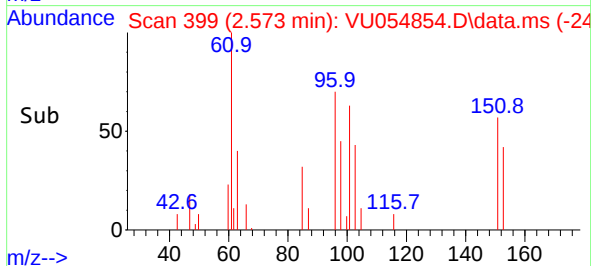
Manual Integrations
APPROVED

Reviewed By :John
Carlone



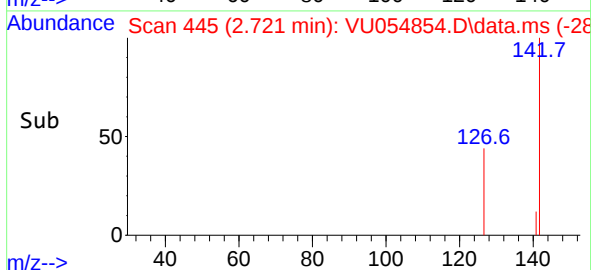
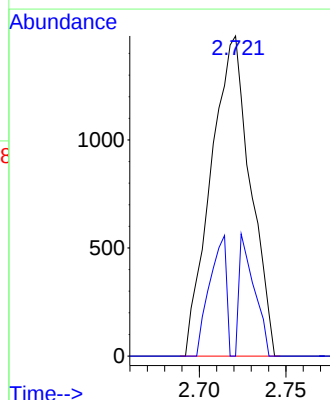
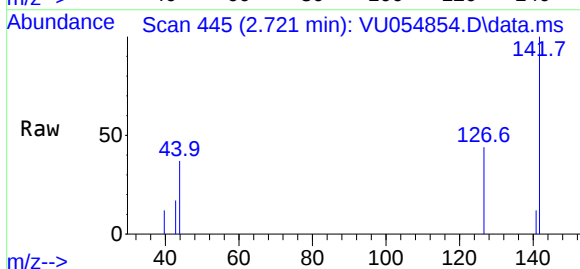
07/25/2023
Supervised By :Mahesh
Dadoda

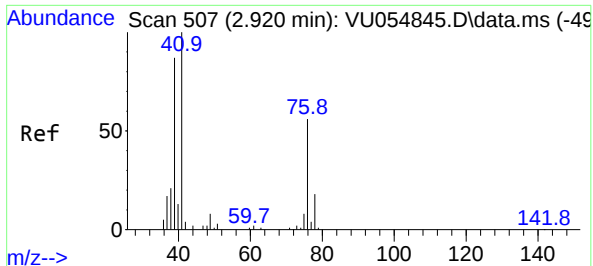
07/31/2023



#10
Iodomethane
Concen: 0.320 ug/l
RT: 2.721 min Scan# 445
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion:142 Resp: 2341
Ion Ratio Lower Upper
142 100
127 14.7 34.3 51.5#





#11

Allyl Chloride

Concen: 0.376 ug/l m

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054854.D

Acq: 24 Jul 2023 12:38

Instrument :

MSVOA_U

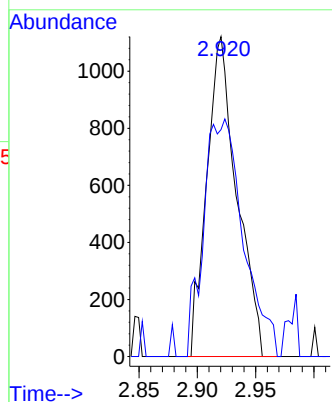
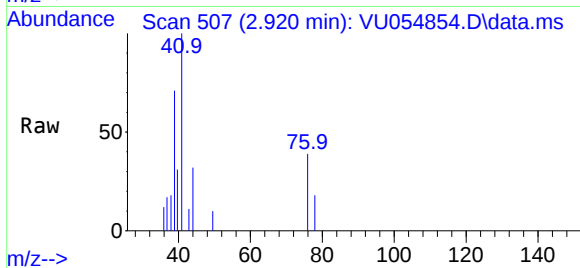
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 41 Resp: 2004
 Ion Ratio Lower Upper
 41 100
 39 3.5 70.2 105.2

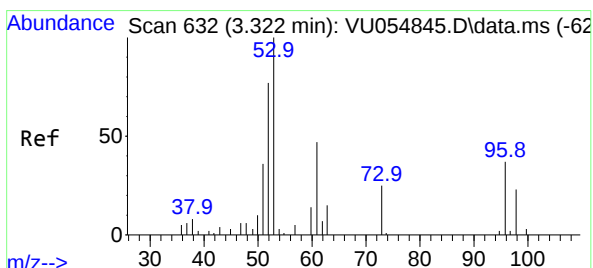
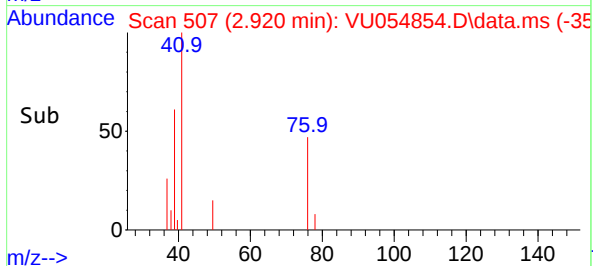
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



07/25/2023
 Supervised By :Mahesh
 Dadoda

07/31/2023



#12

Acrylonitrile

Concen: 0.289 ug/l

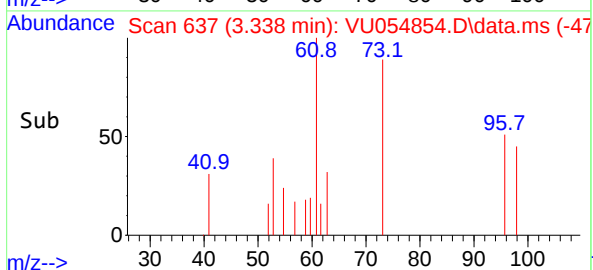
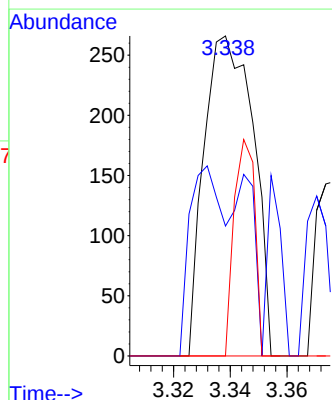
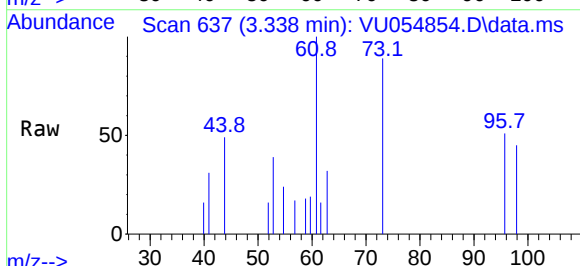
RT: 3.338 min Scan# 637

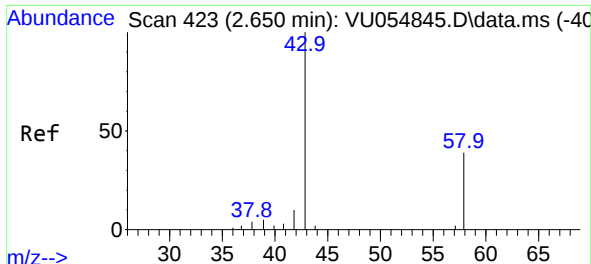
Delta R.T. 0.016 min

Lab File: VU054854.D

Acq: 24 Jul 2023 12:38

Tgt Ion: 53 Resp: 320
 Ion Ratio Lower Upper
 53 100
 52 40.0 64.2 96.4#
 51 0.0 33.6 50.4#





#13

Acetone

Concen: 2.905 ug/l m

RT: 2.660 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054854.D

Acq: 24 Jul 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 2754

Ion Ratio Lower Upper

43 100

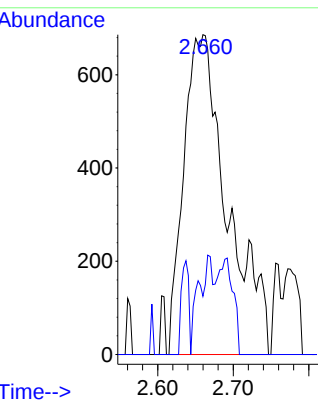
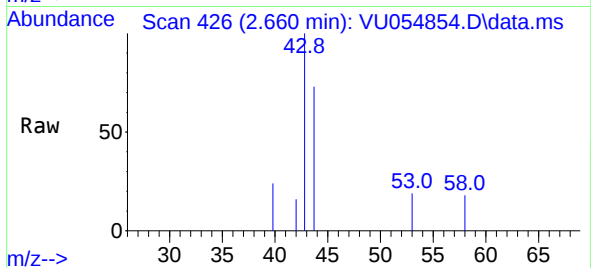
58 18.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John

Carlone

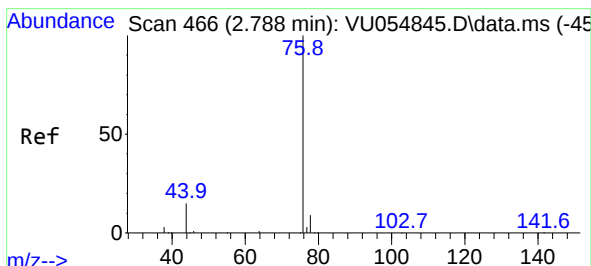
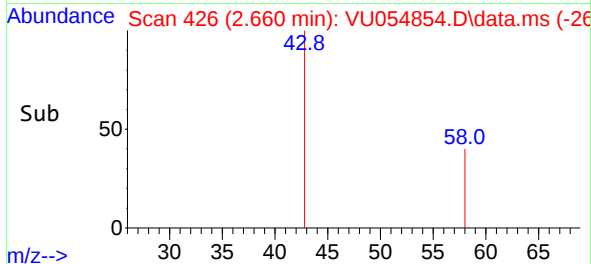


07/25/2023

Supervised By :Mahesh

Dadoda

07/31/2023



#14

Carbon Disulfide

Concen: 0.344 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054854.D

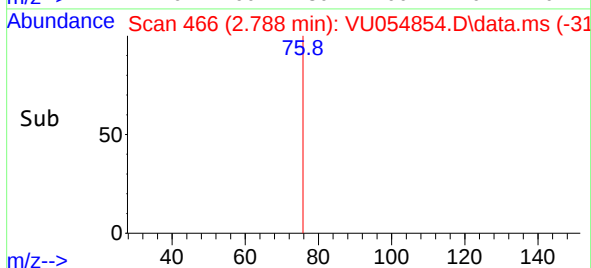
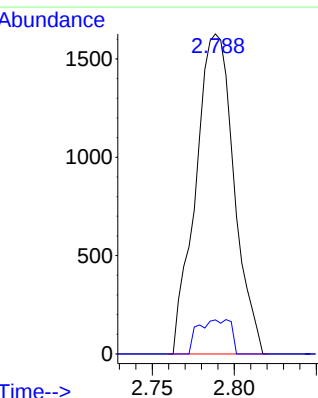
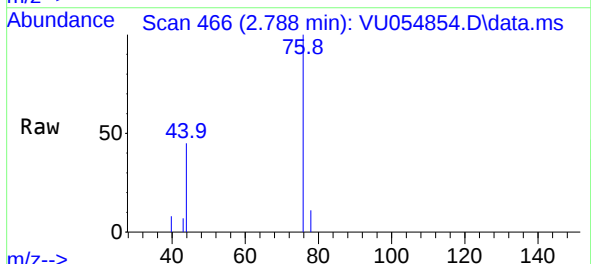
Acq: 24 Jul 2023 12:38

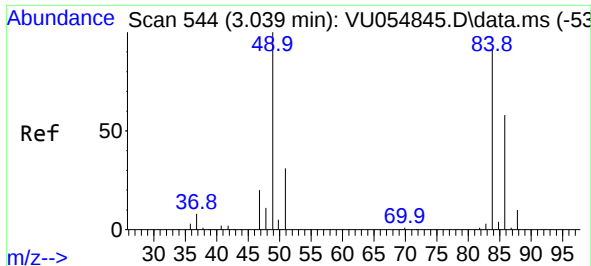
Tgt Ion: 76 Resp: 2638

Ion Ratio Lower Upper

76 100

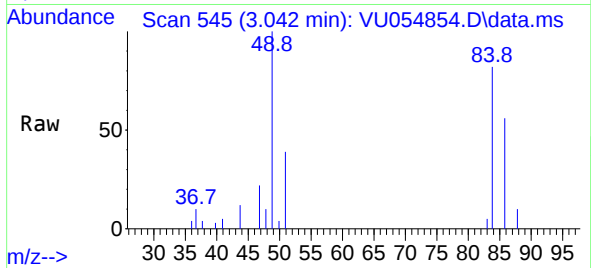
78 10.6 7.1 10.7





#15
Methylene Chloride
Concen: 0.560 ug/l
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

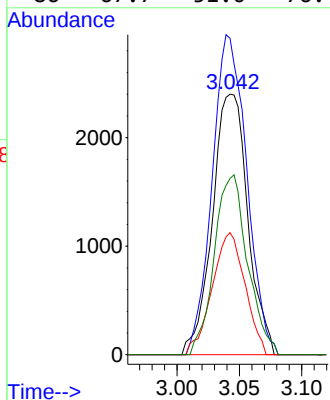
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 84 Resp: 4748
Ion Ratio Lower Upper
84 100
49 121.5 87.8 131.6
51 46.9 0.0 68.2
86 67.7 51.0 76.4

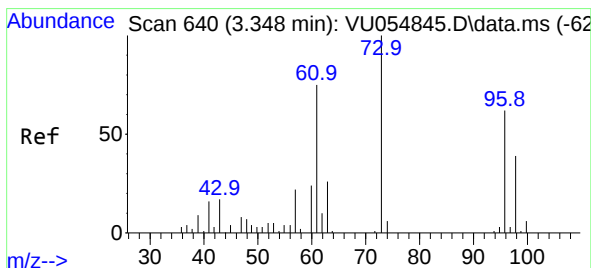
Manual Integrations
APPROVED

Reviewed By :John
Carlone



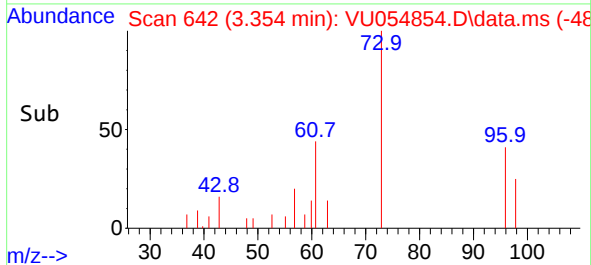
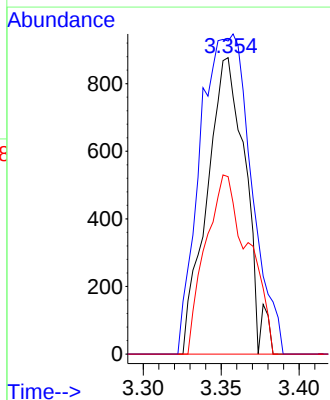
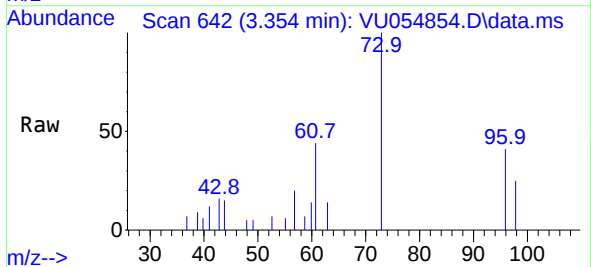
07/25/2023
Supervised By :Mahesh
Dadoda

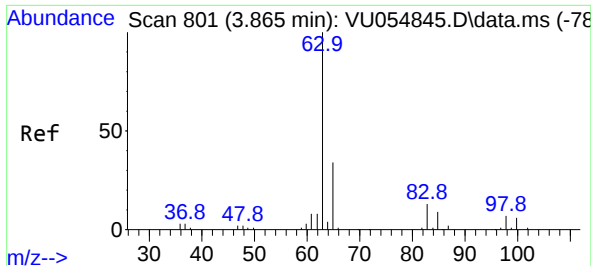
07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 0.300 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

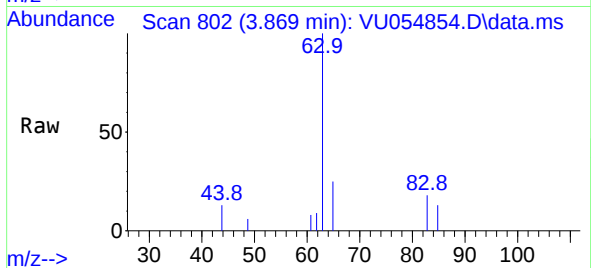
Tgt Ion: 96 Resp: 1517
Ion Ratio Lower Upper
96 100
61 105.6 96.4 144.6
98 59.9 49.3 73.9





#17
1,1-Dichloroethane
Concen: 0.355 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

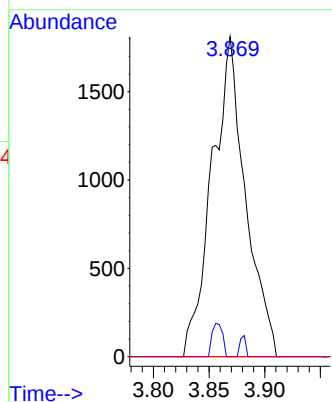
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 63 Resp: 379
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8
100 0.0 2.8 8.4

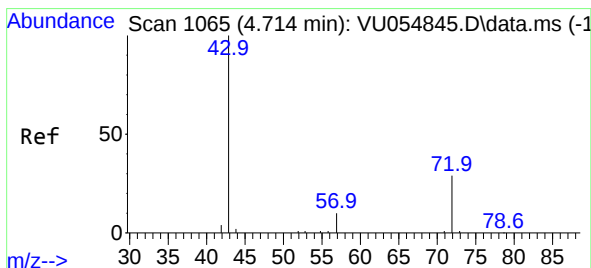
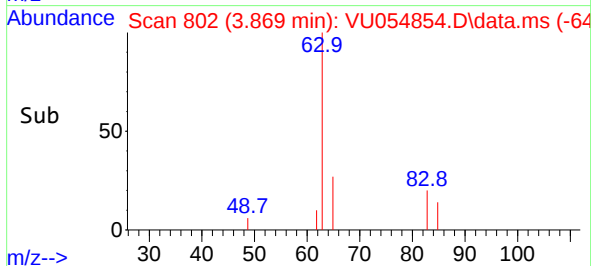
Manual Integrations
APPROVED

Reviewed By :John
Carlone



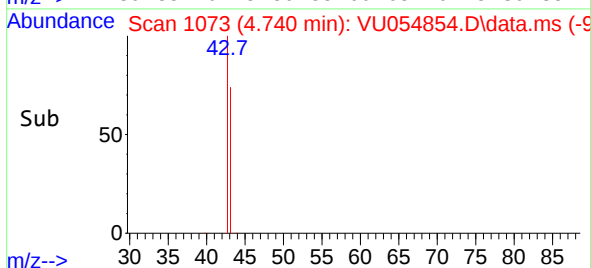
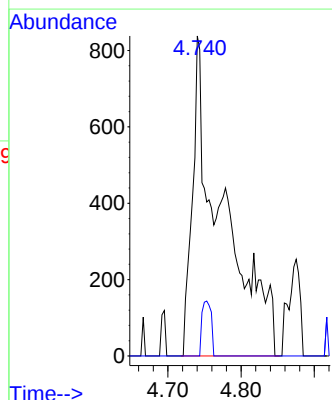
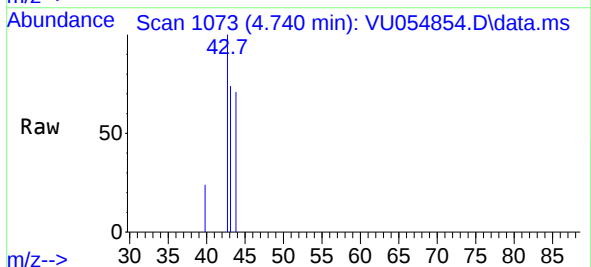
07/25/2023
Supervised By :Mahesh
Dadoda

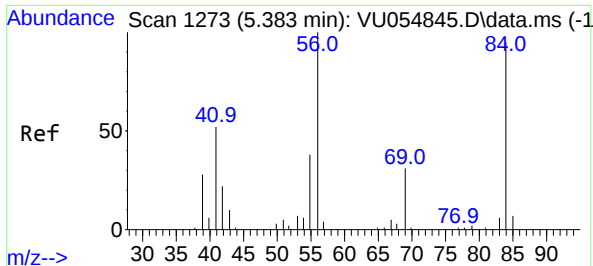
07/31/2023



#18
2-Butanone
Concen: 1.688 ug/l m
RT: 4.740 min Scan# 1073
Delta R.T. 0.026 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

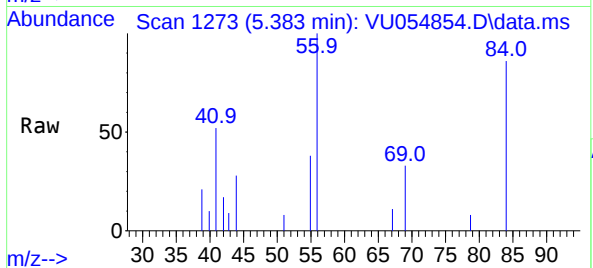
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
57 0.0 0.0 20.8





#19
Cyclohexane
Concen: 0.434 ug/l
RT: 5.383 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

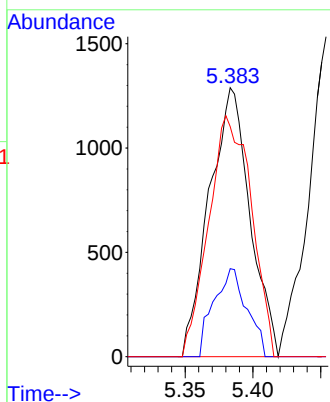
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 56 Resp: 2689
Ion Ratio Lower Upper
56 100
69 26.6 24.7 37.1
84 94.2 76.5 114.7

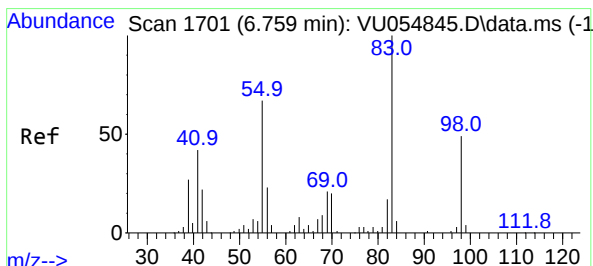
Manual Integrations
APPROVED

Reviewed By :John
Carlone



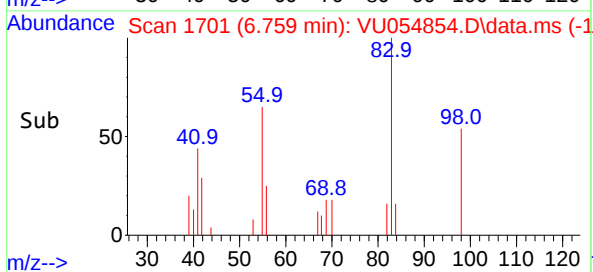
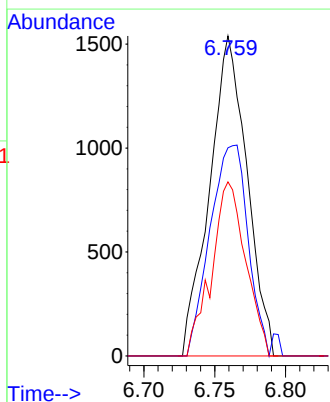
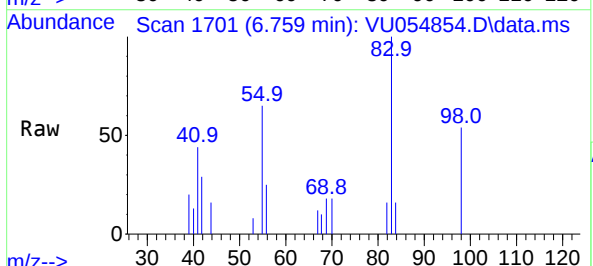
07/25/2023
Supervised By :Mahesh
Dadoda

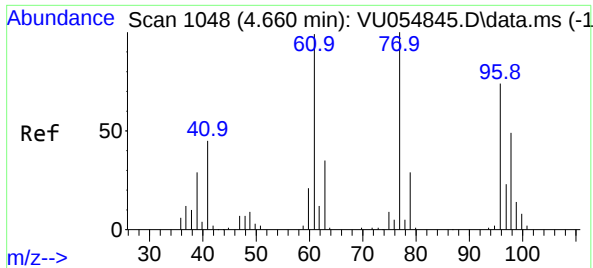
07/31/2023



#20
Methylcyclohexane
Concen: 0.344 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion: 83 Resp: 2828
Ion Ratio Lower Upper
83 100
55 67.0 51.6 77.4
98 49.7 38.2 57.2





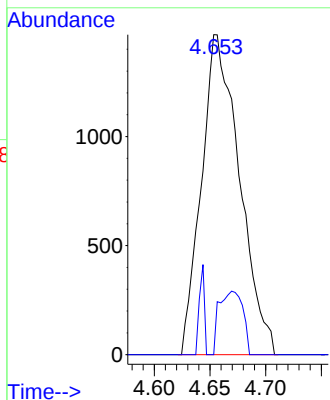
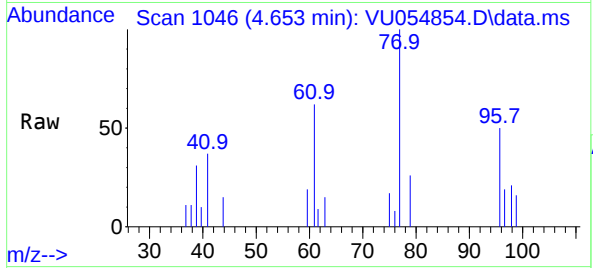
#21
2,2-Dichloropropane
Concen: 0.373 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion: 77 Resp: 348
Ion Ratio Lower Upper
77 100
97 3.7 18.0 27.0

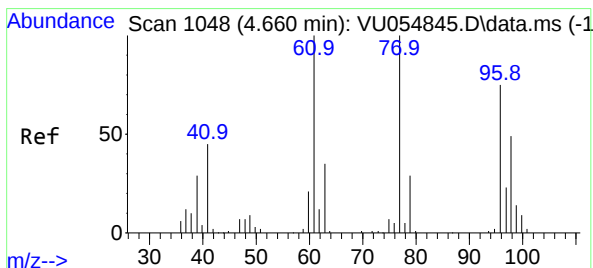
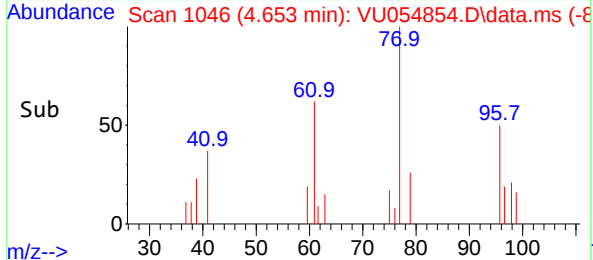
Manual Integrations
APPROVED

Reviewed By :John
Carlone



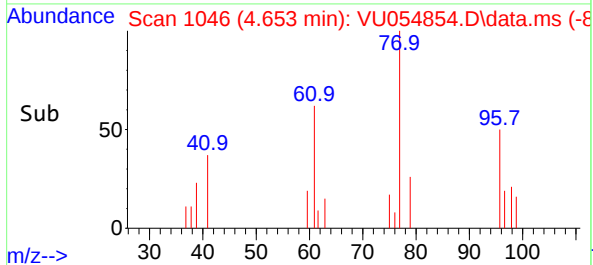
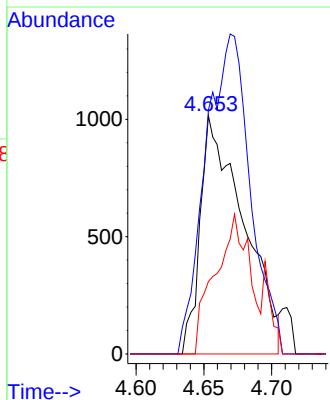
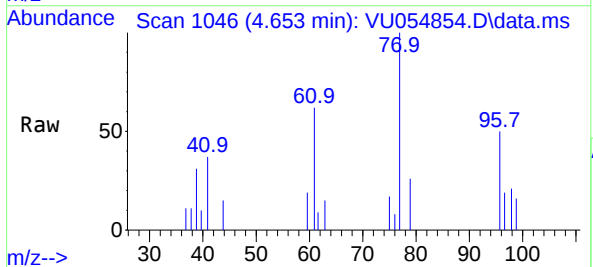
07/25/2023
Supervised By :Mahesh
Dadoda

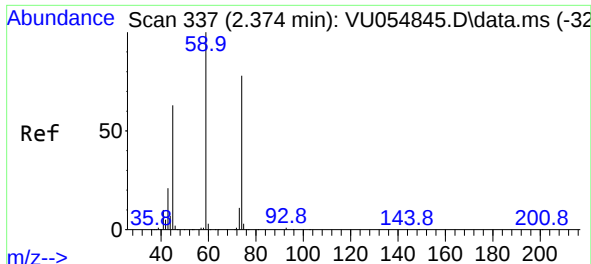
07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 0.353 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

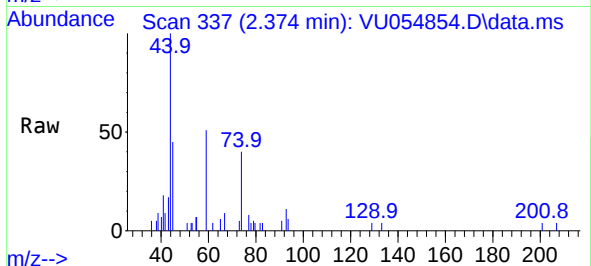
Tgt Ion: 96 Resp: 2260
Ion Ratio Lower Upper
96 100
61 138.5 0.0 332.0
98 46.5 32.5 97.5





#23
Diethyl Ether
Concen: 0.349 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

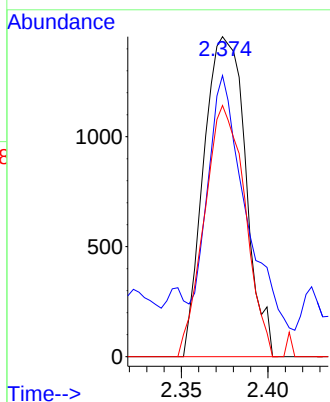
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 59 Resp: 2439
Ion Ratio Lower Upper
59 100
45 83.2 51.4 77.0
74 76.4 63.1 94.7

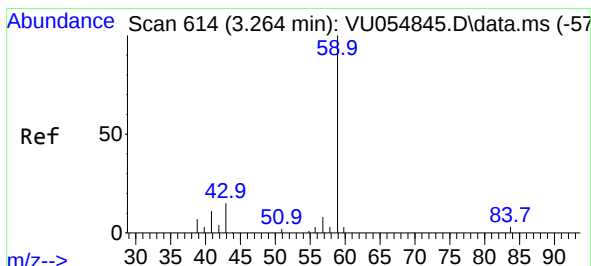
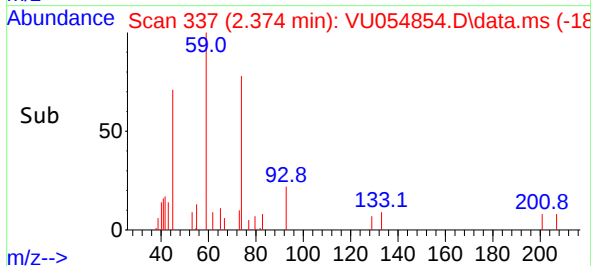
Manual Integrations
APPROVED

Reviewed By :John
Carlone



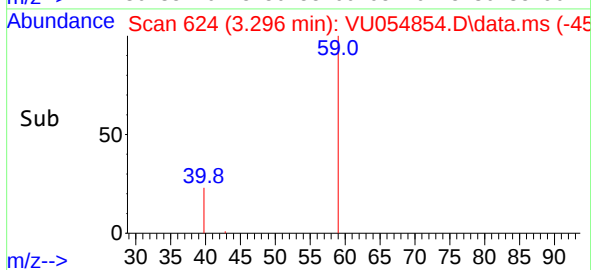
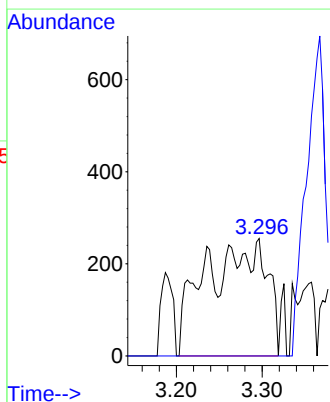
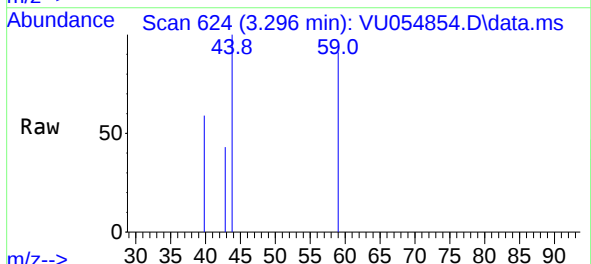
07/25/2023
Supervised By :Mahesh
Dadoda

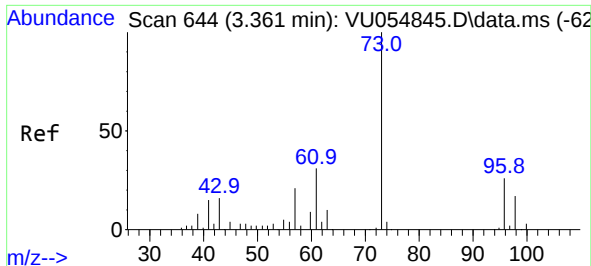
07/31/2023



#24
tert-Butyl Alcohol
Concen: 2.059 ug/l m
RT: 3.296 min Scan# 624
Delta R.T. 0.032 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

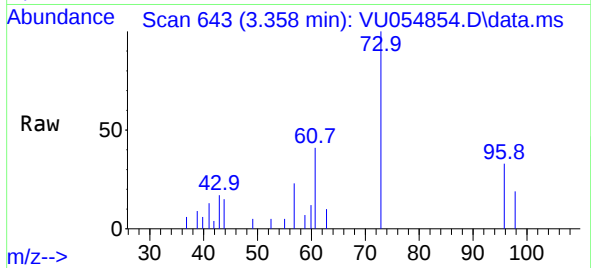
Tgt Ion: 59 Resp: 1239
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 0.404 ug/l
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

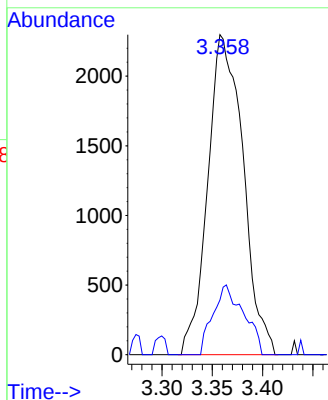
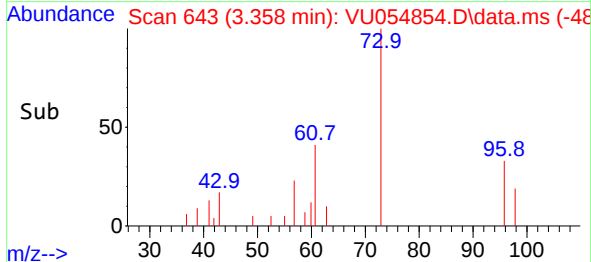
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 73 Resp: 560
Ion Ratio Lower Upper
73 100
43 18.9 14.6 22.0

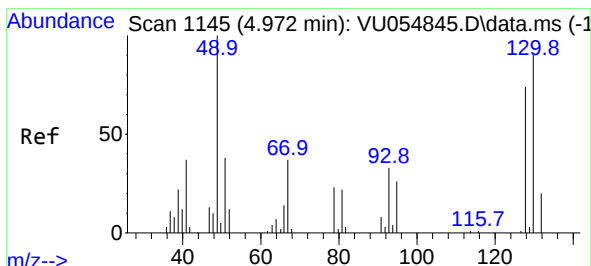
Manual Integrations
APPROVED

Reviewed By :John
Carlone

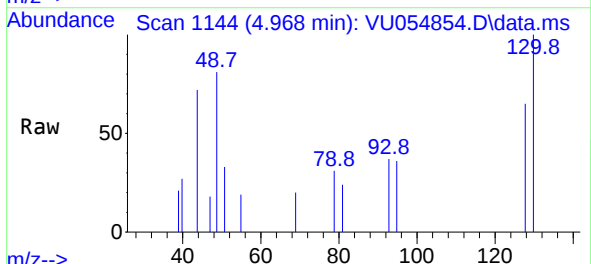


07/25/2023
Supervised By :Mahesh
Dadoda

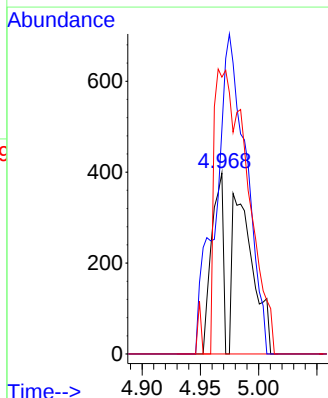
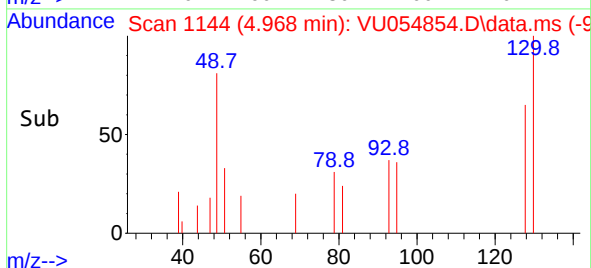
07/31/2023

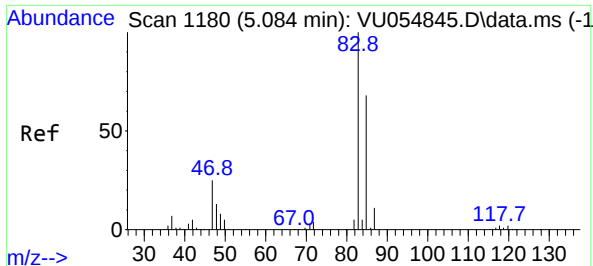


#26
Bromochloromethane
Concen: 0.292 ug/l m
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



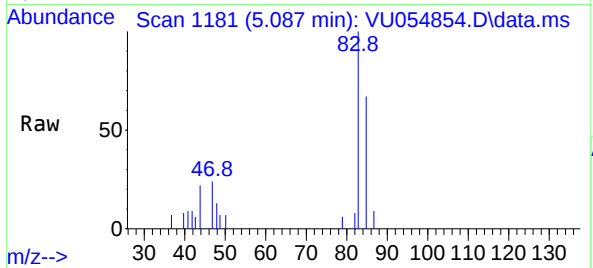
Tgt Ion:128 Resp: 713
Ion Ratio Lower Upper
128 100
49 0.0 0.0 304.0
130 174.6 104.3 156.5#





#27
Chloroform
Concen: 0.356 ug/l
RT: 5.087 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

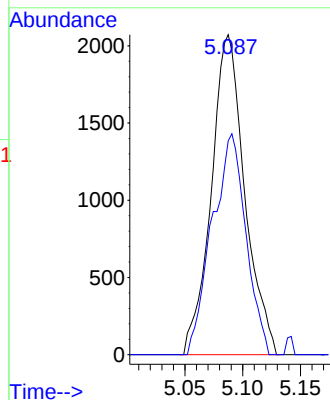
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 418
Ion Ratio Lower Upper
83 100
85 66.8 0.0 135.2

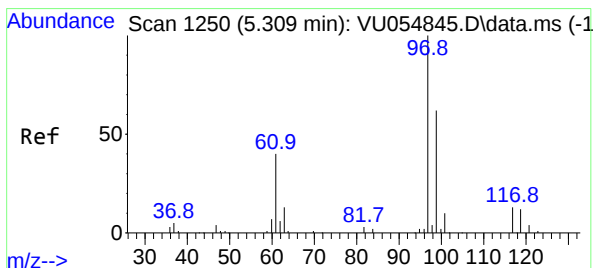
Manual Integrations
APPROVED

Reviewed By :John
Carlone



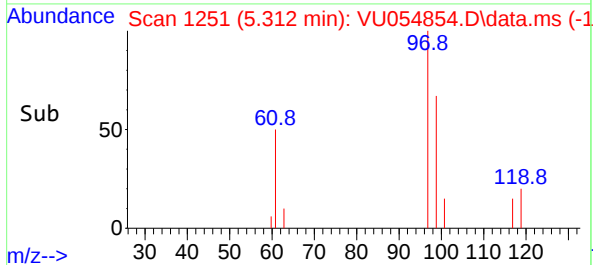
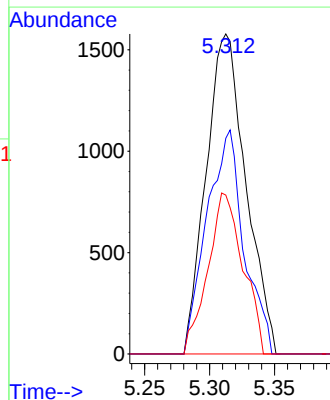
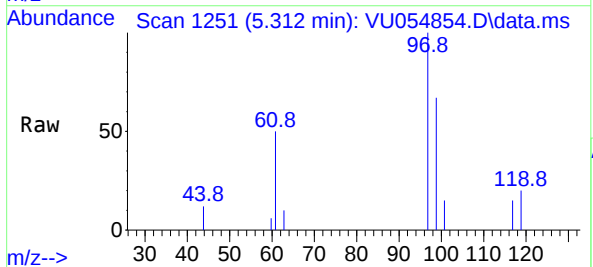
07/25/2023
Supervised By :Mahesh
Dadoda

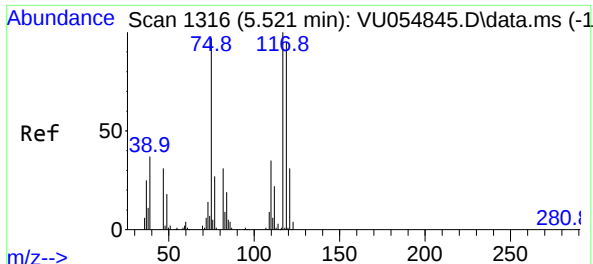
07/31/2023



#28
1,1,1-Trichloroethane
Concen: 0.341 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

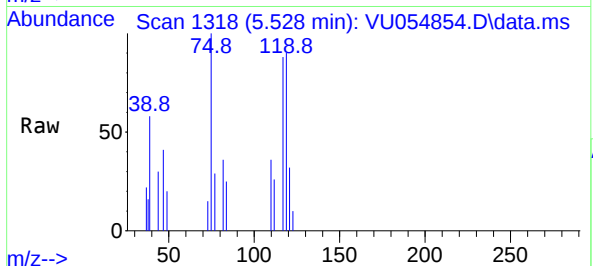
Tgt Ion: 97 Resp: 3364
Ion Ratio Lower Upper
97 100
99 65.5 32.0 96.2
61 44.4 21.0 63.0





#29
1,1-Dichloropropene
Concen: 0.321 ug/l
RT: 5.528 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

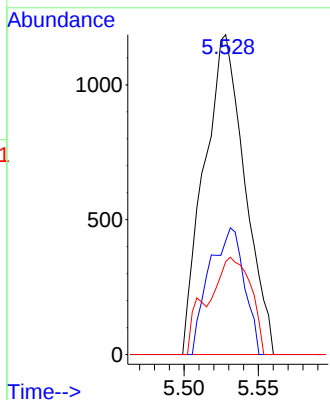
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 225
Ion Ratio Lower Upper
75 100
110 34.2 18.5 55.5
77 32.4 24.9 37.3

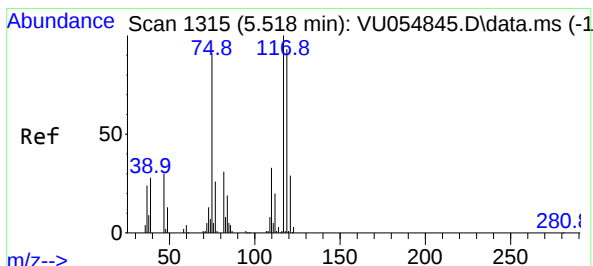
Manual Integrations
APPROVED

Reviewed By :John
Carlone



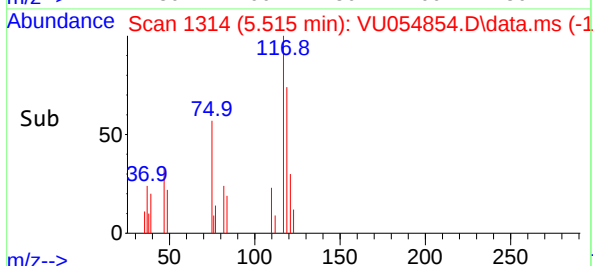
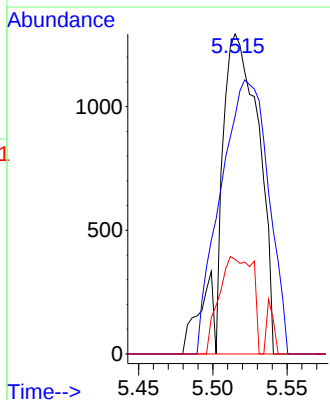
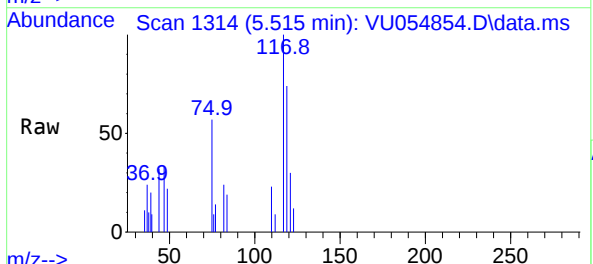
07/25/2023
Supervised By :Mahesh
Dadoda

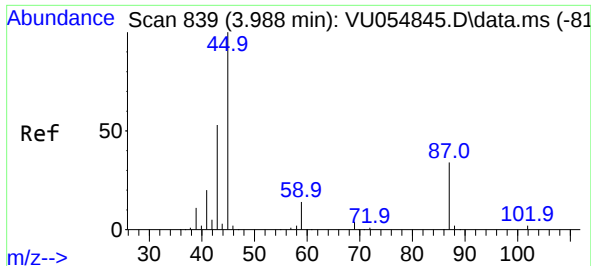
07/31/2023



#30
Carbon Tetrachloride
Concen: 0.285 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion:117 Resp: 2337
Ion Ratio Lower Upper
117 100
119 74.3 75.6 113.4#
121 29.5 23.4 35.0





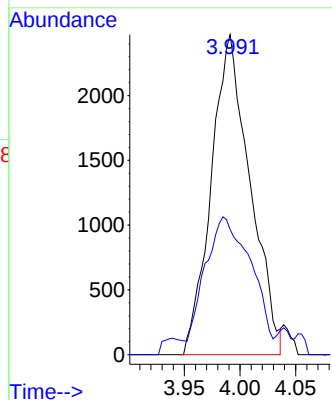
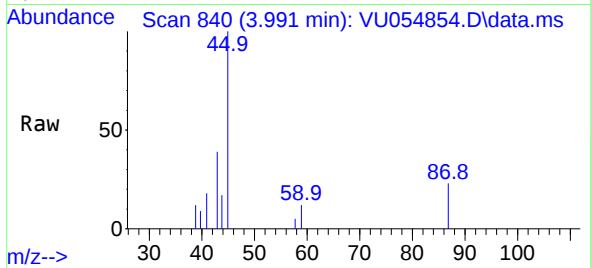
#31
Isopropyl Ether
Concen: 0.379 ug/l
RT: 3.991 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion: 45 Resp: 5990
Ion Ratio Lower Upper
45 100
43 46.6 26.4 79.2

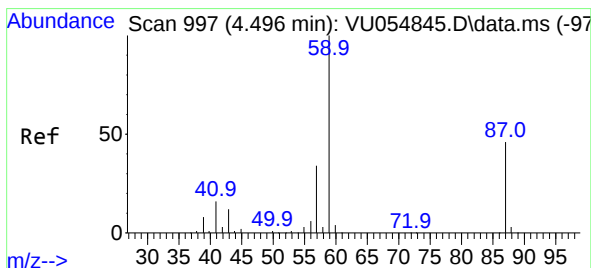
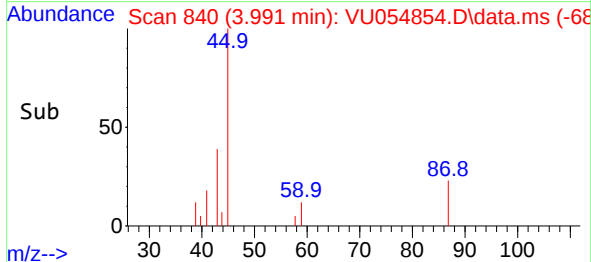
Manual Integrations
APPROVED

Reviewed By :John
Carlone



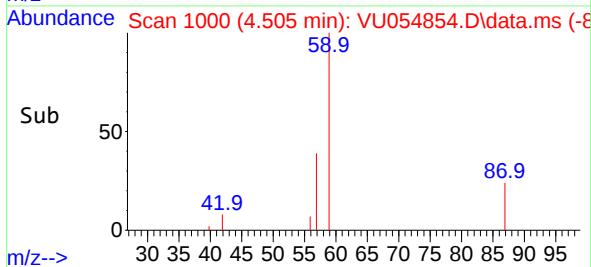
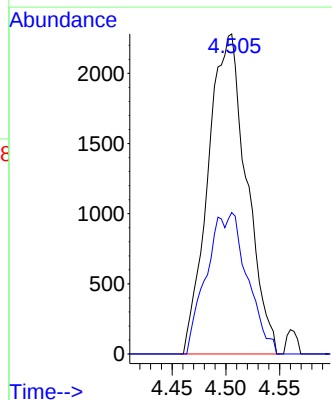
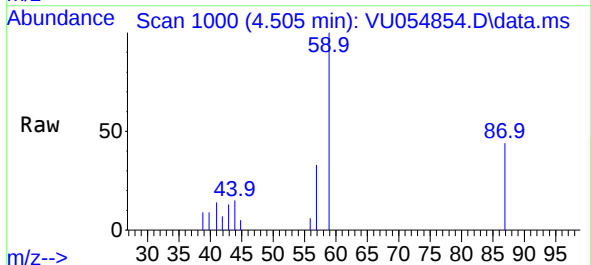
07/25/2023
Supervised By :Mahesh
Dadoda

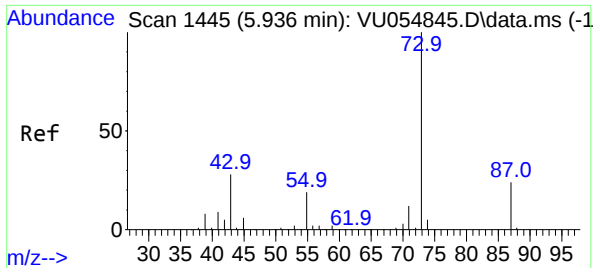
07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.350 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

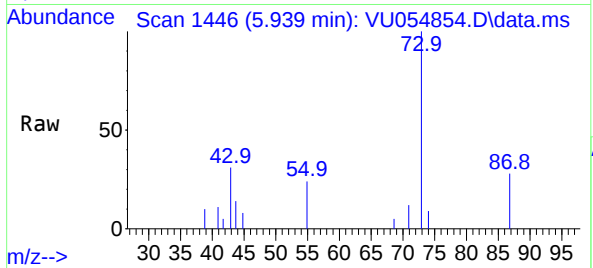
Tgt Ion: 59 Resp: 5689
Ion Ratio Lower Upper
59 100
87 22.7 35.7 53.5#





#33
Tert-Amyl methyl ether
Concen: 0.347 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

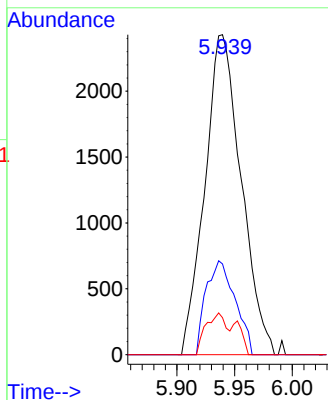
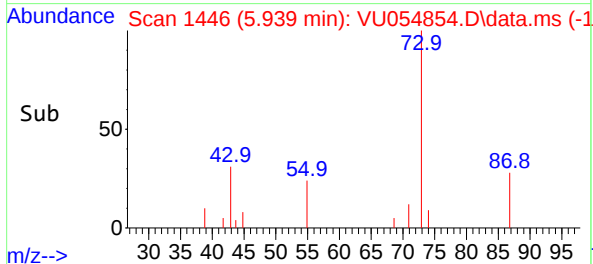
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 73 Resp: 5309
Ion Ratio Lower Upper
73 100
87 23.5 19.6 29.4
71 7.6 9.1 13.7

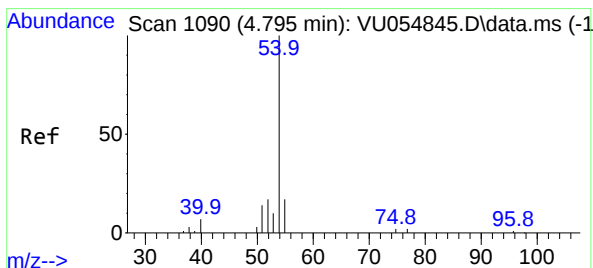
Manual Integrations
APPROVED

Reviewed By :John
Carlone

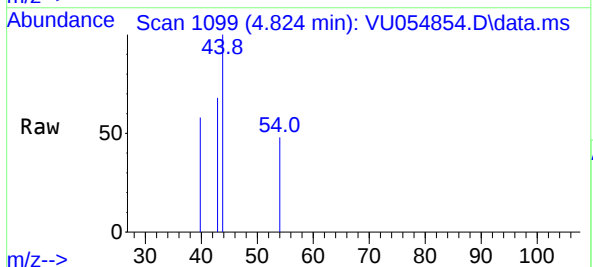


07/25/2023
Supervised By :Mahesh
Dadoda

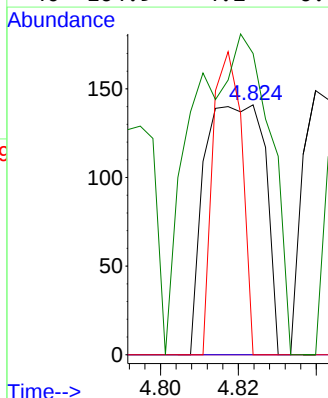
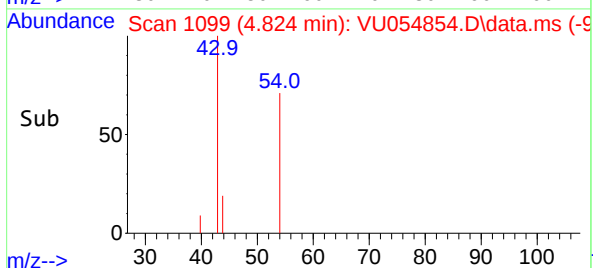
07/31/2023

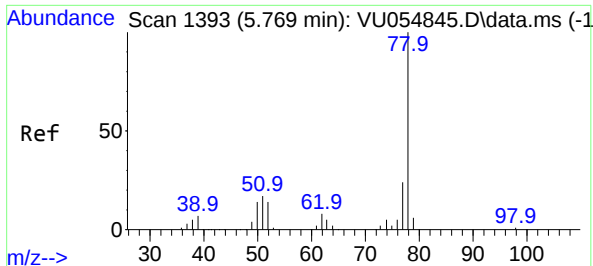


#34
Propionitrile
Concen: 0.364 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. 0.029 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion: 54 Resp: 151
Ion Ratio Lower Upper
54 100
52 0.0 13.8 20.8#
55 58.3 4.8 7.2#
40 164.9 4.2 6.4#





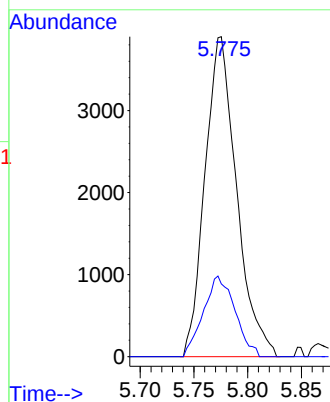
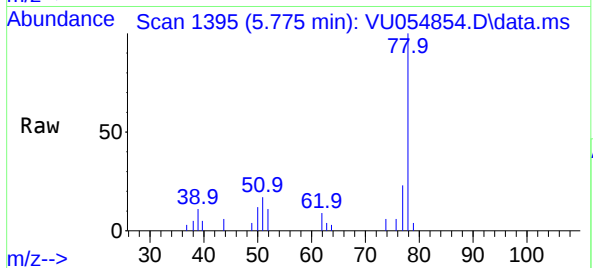
#35
Benzene
Concen: 0.349 ug/l
RT: 5.775 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion: 78 Resp: 7972
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.2

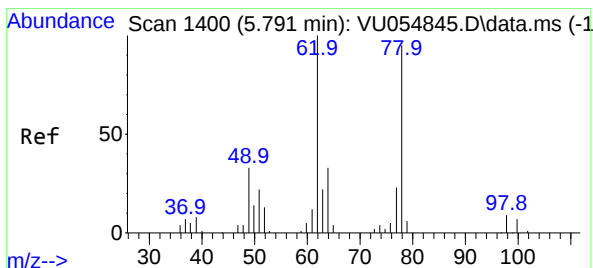
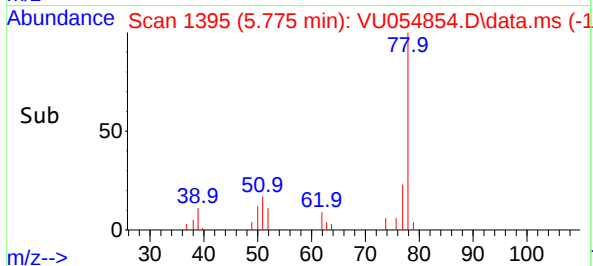
Manual Integrations
APPROVED

Reviewed By :John
Carlone



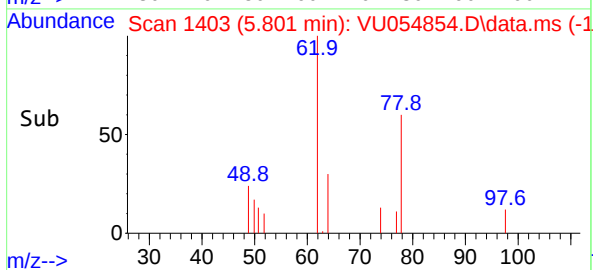
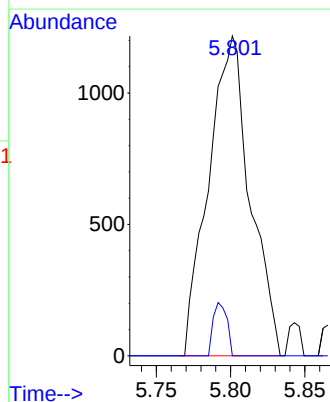
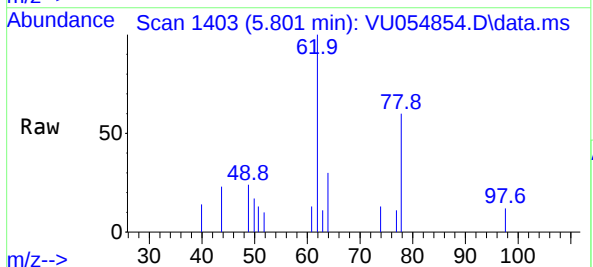
07/25/2023
Supervised By :Mahesh
Dadoda

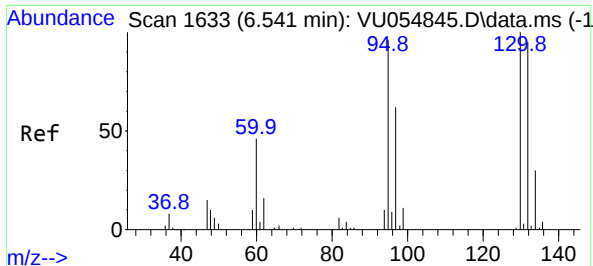
07/31/2023



#36
1,2-Dichloroethane
Concen: 0.361 ug/l
RT: 5.801 min Scan# 1403
Delta R.T. 0.010 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

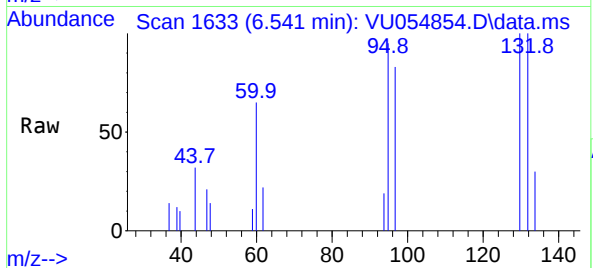
Tgt Ion: 62 Resp: 2369
Ion Ratio Lower Upper
62 100
98 5.5 7.8 11.8#





#37
Trichloroethene
Concen: 0.349 ug/l
RT: 6.541 min Scan# 1712
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

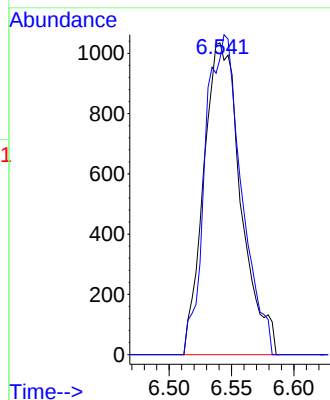
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:130 Resp: 2154
Ion Ratio Lower Upper
130 100
95 95.0 76.8 115.2

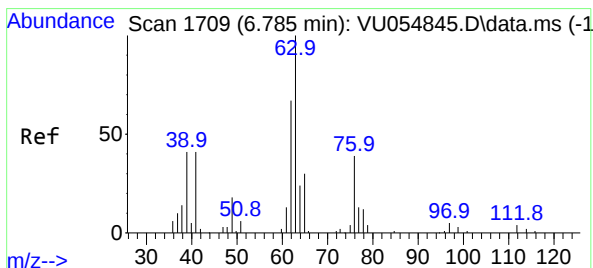
Manual Integrations
APPROVED

Reviewed By :John
Carlone



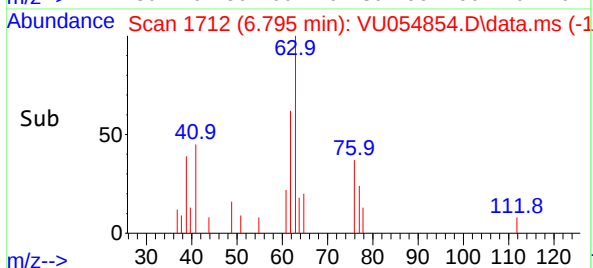
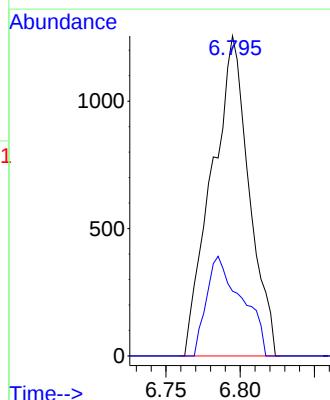
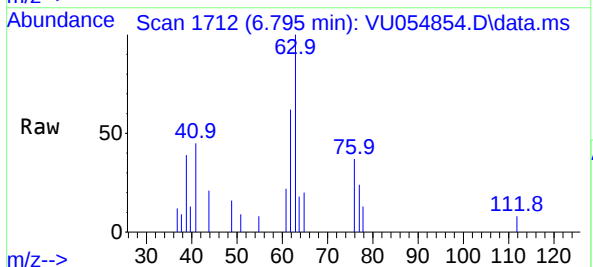
07/25/2023
Supervised By :Mahesh
Dadoda

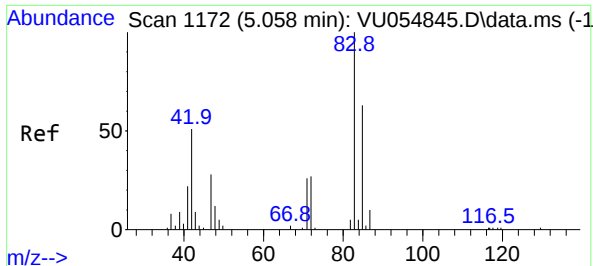
07/31/2023



#38
1,2-Dichloropropane
Concen: 0.333 ug/l
RT: 6.795 min Scan# 1712
Delta R.T. 0.010 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

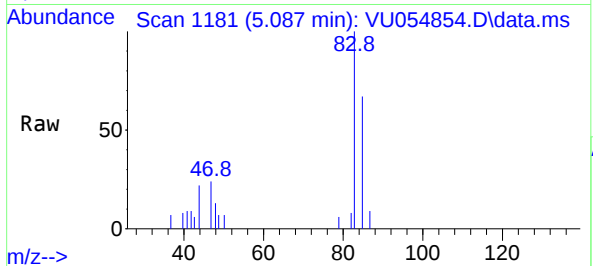
Tgt Ion: 63 Resp: 2195
Ion Ratio Lower Upper
63 100
65 17.1 24.3 36.5#





#41
Tetrahydrofuran
Concen: 0.457 ug/l
RT: 5.087 min Scan# 1172
Delta R.T. 0.029 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

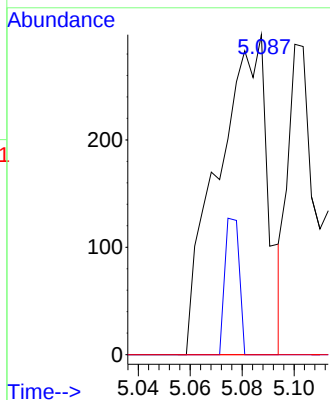
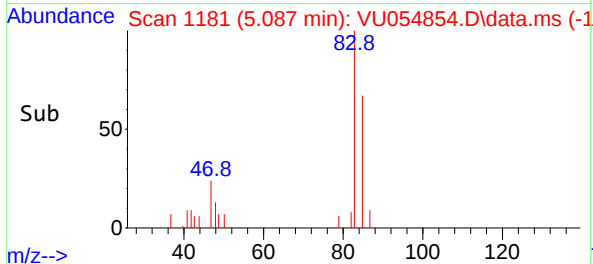
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 42 Resp: 399
Ion Ratio Lower Upper
42 100
72 12.3 42.1 63.1
71 0.0 39.7 59.5

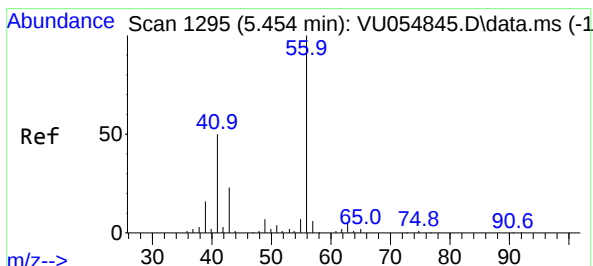
Manual Integrations
APPROVED

Reviewed By :John
Carlone



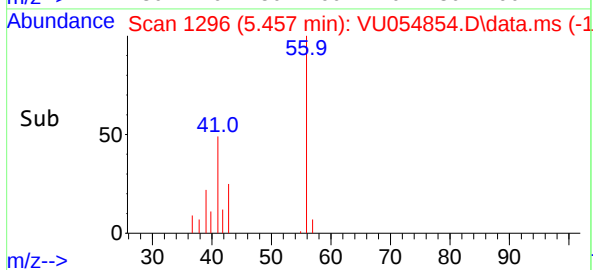
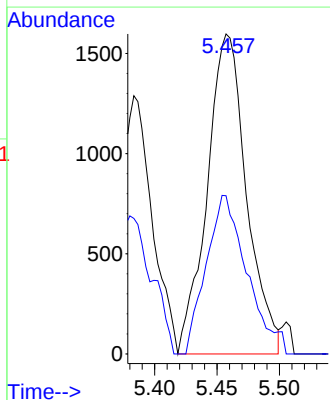
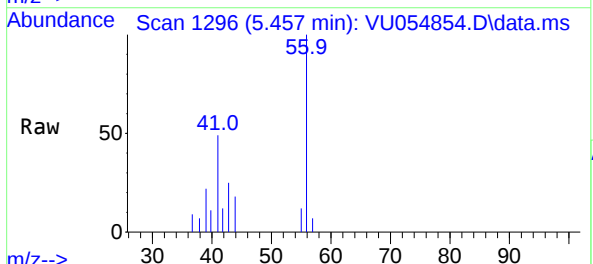
07/25/2023
Supervised By :Mahesh
Dadoda

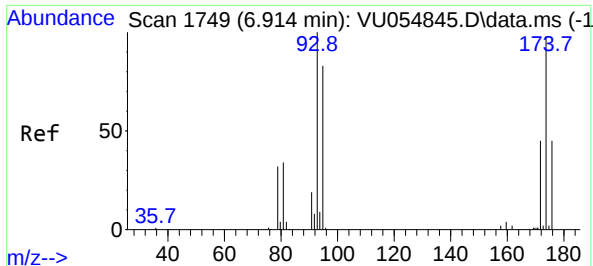
07/31/2023



#42
1-Chlorobutane
Concen: 0.370 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

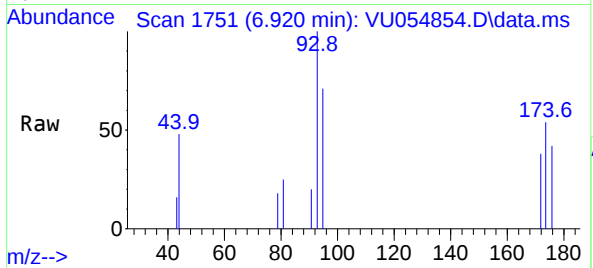
Tgt Ion: 56 Resp: 3514
Ion Ratio Lower Upper
56 100
41 51.1 23.9 71.7





#43
Dibromomethane
Concen: 0.356 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

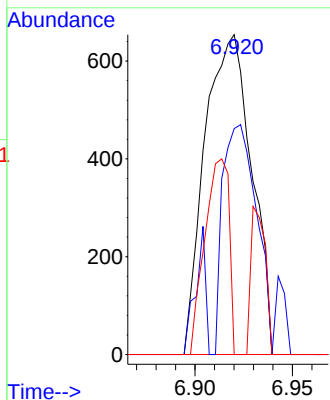
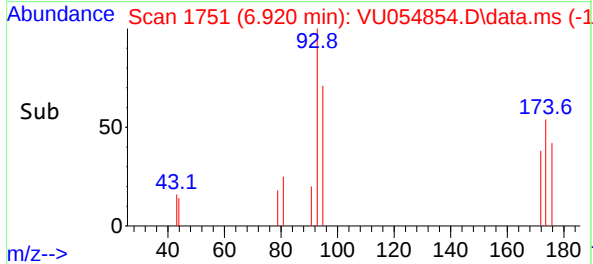
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 93 Resp: 109
Ion Ratio Lower Upper
93 100
95 51.7 64.7 97.1
174 31.9 74.4 111.6

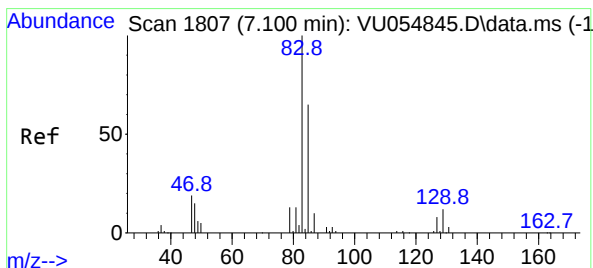
Manual Integrations
APPROVED

Reviewed By :John
Carlone

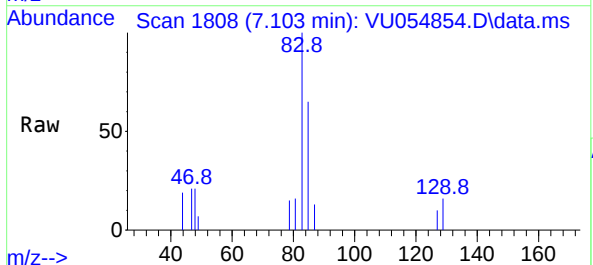


07/25/2023
Supervised By :Mahesh
Dadoda

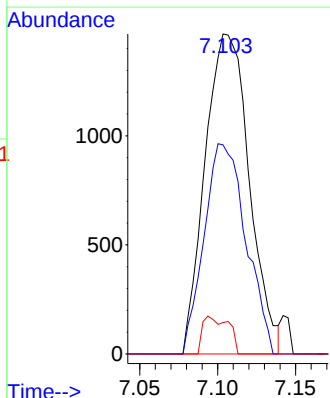
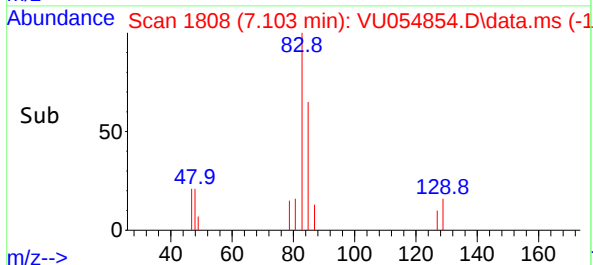
07/31/2023

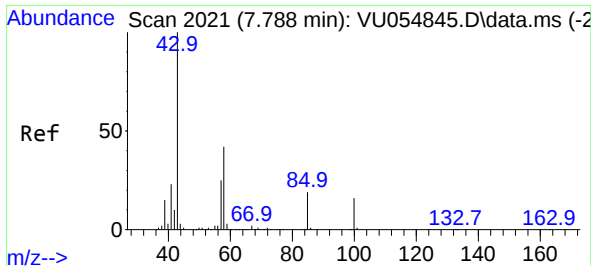


#44
Bromodichloromethane
Concen: 0.345 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion: 83 Resp: 2895
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.2
127 9.8 6.1 9.1





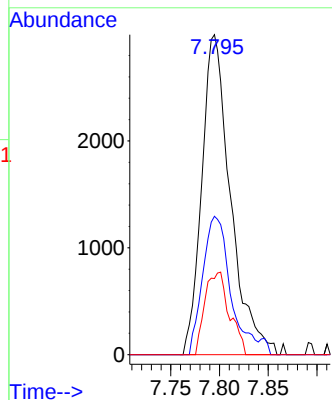
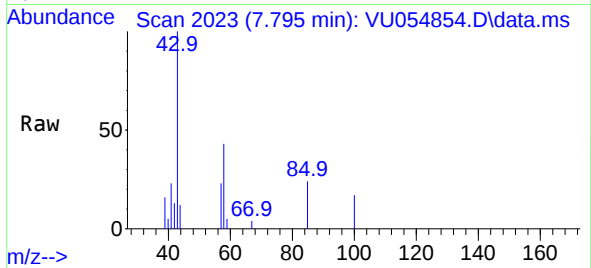
#45
4-Methyl-2-Pentanone
Concen: 1.692 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 41.7 21.3 63.7
85 22.0 15.3 22.9

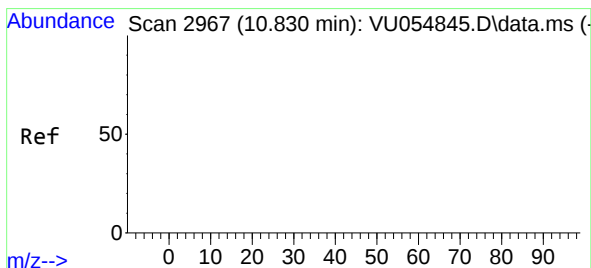
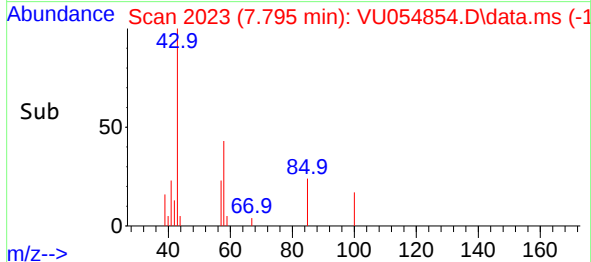
Manual Integrations
APPROVED

Reviewed By :John
Carlone



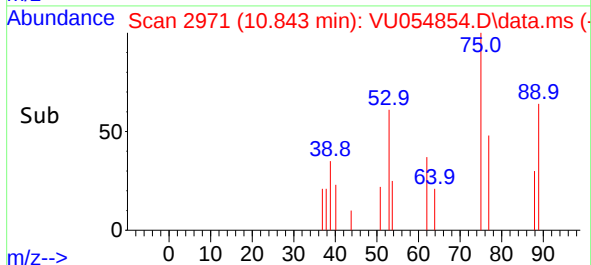
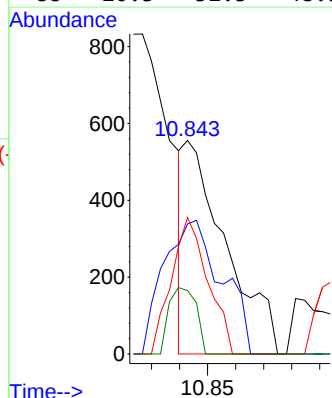
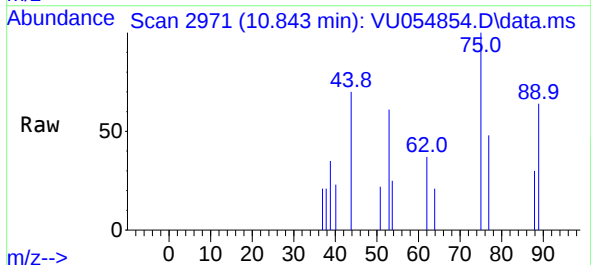
07/25/2023
Supervised By :Mahesh
Dadoda

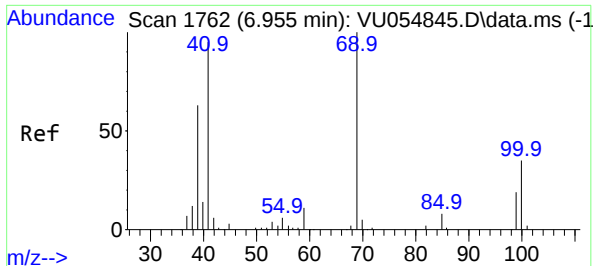
07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 0.380 ug/l m
RT: 10.843 min Scan# 2971
Delta R.T. 0.013 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

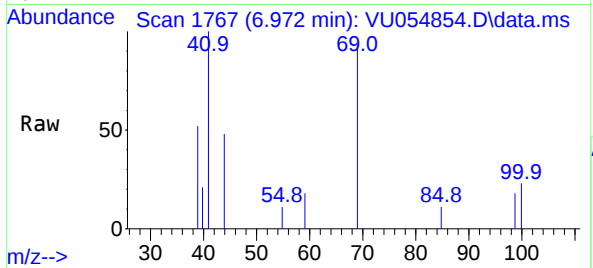
Tgt Ion: 75 Resp: 577
Ion Ratio Lower Upper
75 100
53 86.7 62.9 94.3
89 55.6 47.8 71.8
88 20.3 32.3 48.5





#47
Methyl methacrylate
Concen: 0.608 ug/l
RT: 6.972 min Scan# 1767
Delta R.T. 0.016 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

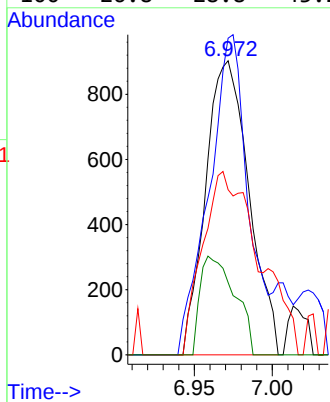
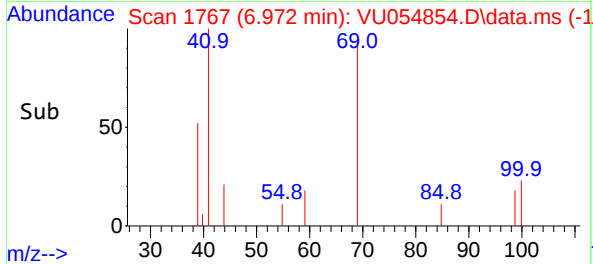
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 69 Resp: 1749
Ion Ratio Lower Upper
69 100
41 97.4 0.0 193.0
39 81.3 50.4 75.6
100 26.8 28.8 43.2

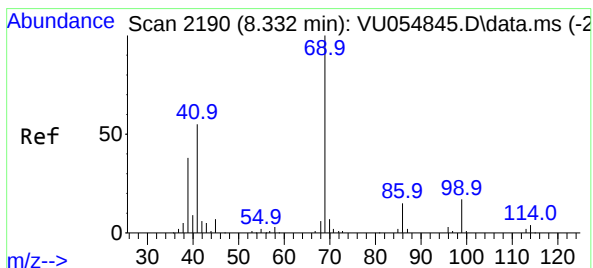
Manual Integrations
APPROVED

Reviewed By :John
Carlone



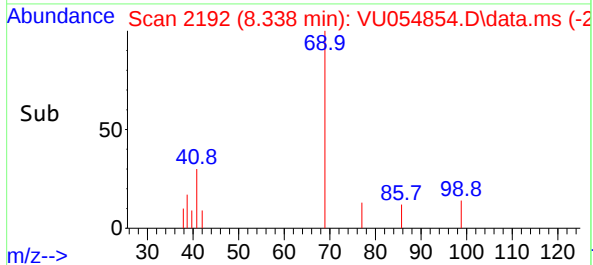
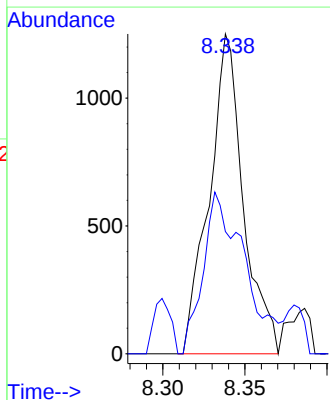
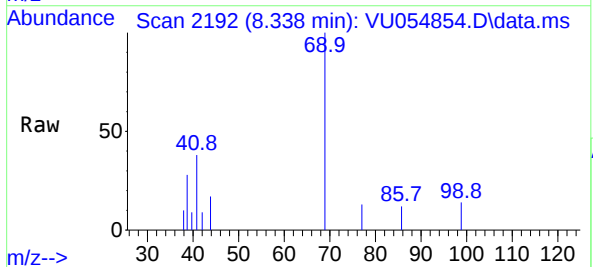
07/25/2023
Supervised By :Mahesh
Dadoda

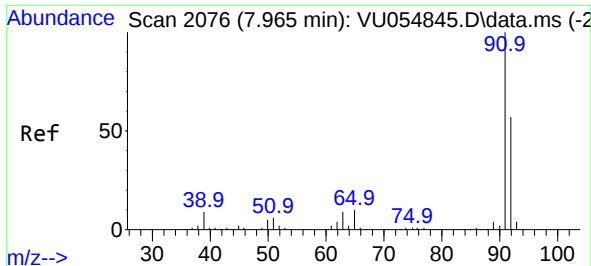
07/31/2023



#48
Ethyl methacrylate
Concen: 0.308 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion: 69 Resp: 1802
Ion Ratio Lower Upper
69 100
41 61.7 28.8 86.5





#49

Toluene

Concen: 0.354 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054854.D

Acq: 24 Jul 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 92 Resp: 515

Ion Ratio Lower Upper

92 100

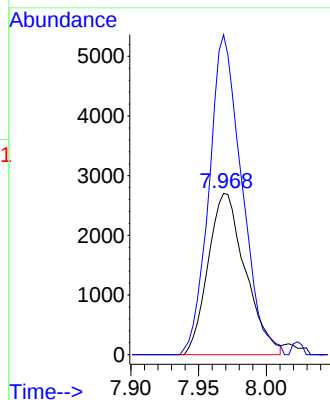
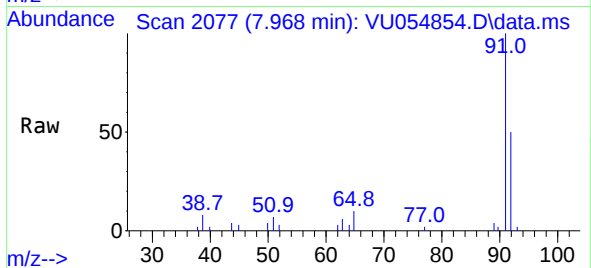
91 174.7 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John

Carlone

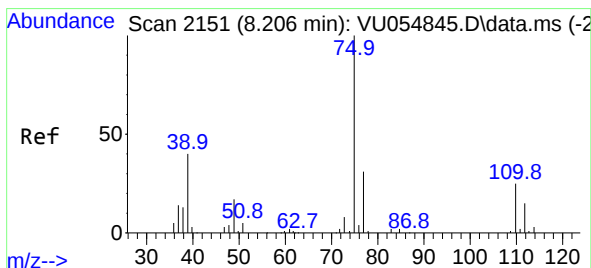
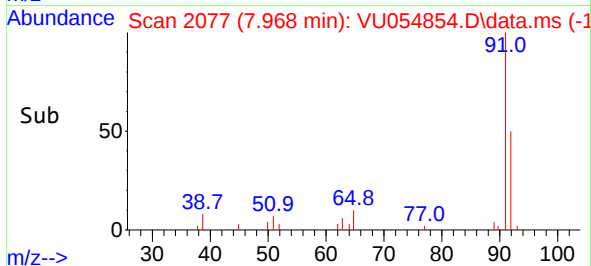


07/25/2023

Supervised By :Mahesh

Dadoda

07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.346 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054854.D

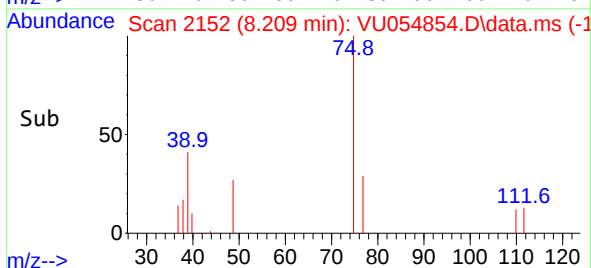
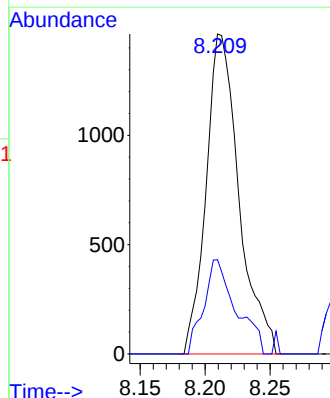
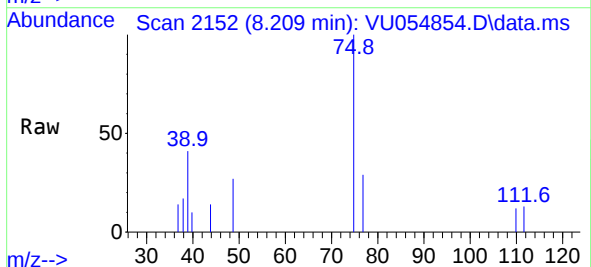
Acq: 24 Jul 2023 12:38

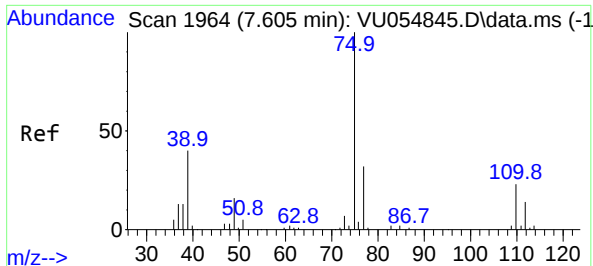
Tgt Ion: 75 Resp: 2574

Ion Ratio Lower Upper

75 100

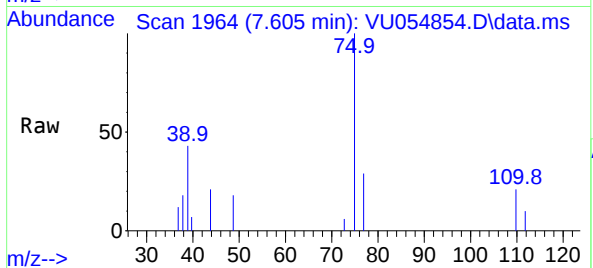
77 29.4 24.9 37.3





#51
cis-1,3-Dichloropropene
Concen: 0.356 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

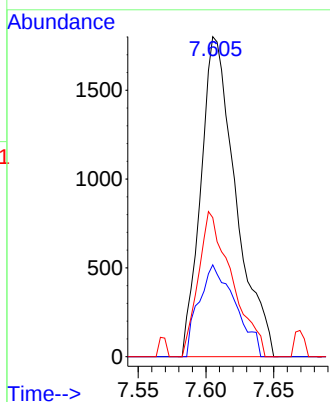
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 322
Ion Ratio Lower Upper
75 100
77 28.7 25.8 38.8
39 50.6 31.7 47.5

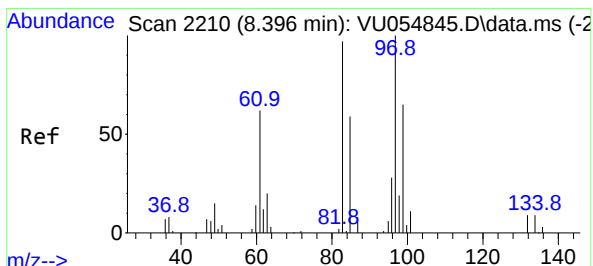
Manual Integrations
APPROVED

Reviewed By :John
Carlone



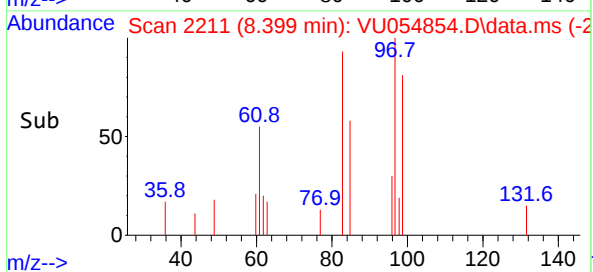
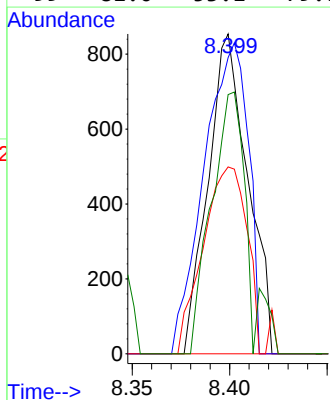
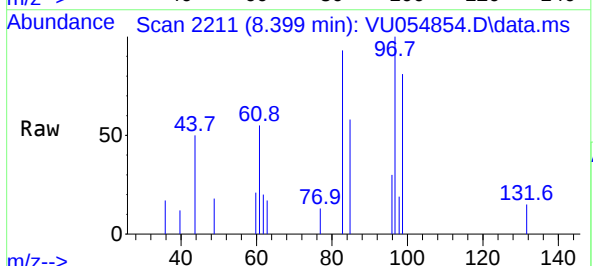
07/25/2023
Supervised By :Mahesh
Dadoda

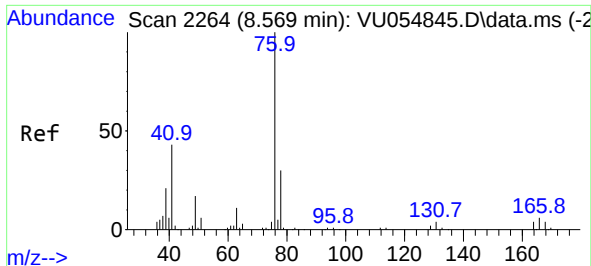
07/31/2023



#52
1,1,2-Trichloroethane
Concen: 0.262 ug/l
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

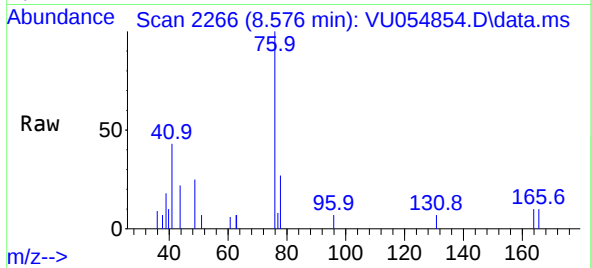
Tgt Ion: 97 Resp: 1211
Ion Ratio Lower Upper
97 100
83 92.6 77.4 116.2
85 58.4 47.8 71.8
99 81.0 53.1 79.7





#53
1,3-Dichloropropane
Concen: 0.373 ug/l
RT: 8.576 min Scan# 2104
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

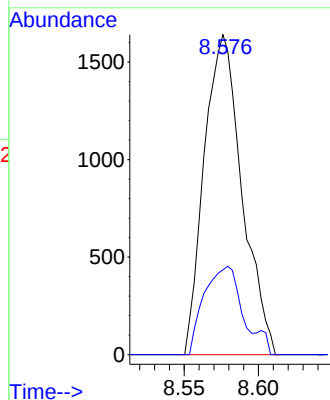
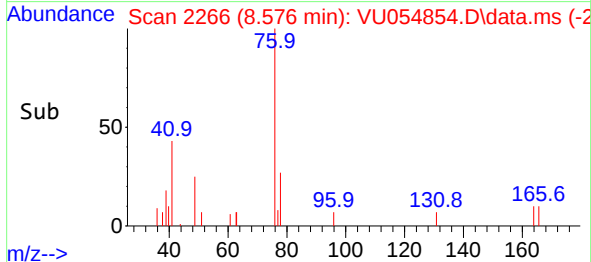
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 76 Resp: 2904
Ion Ratio Lower Upper
76 100
78 28.5 24.6 36.8

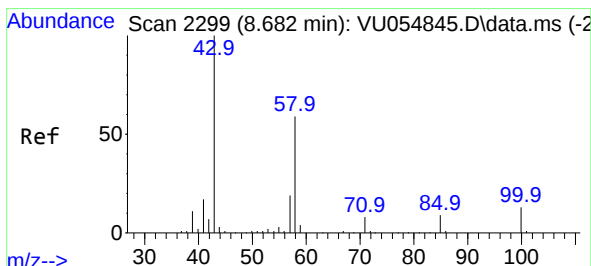
Manual Integrations
APPROVED

Reviewed By :John
Carlone

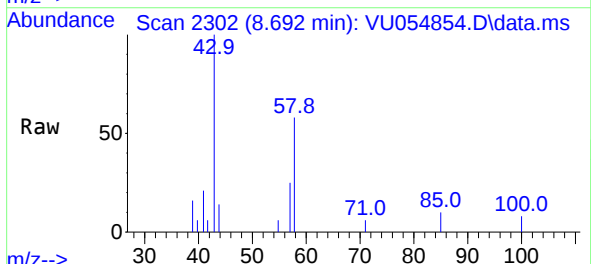


07/25/2023
Supervised By :Mahesh
Dadoda

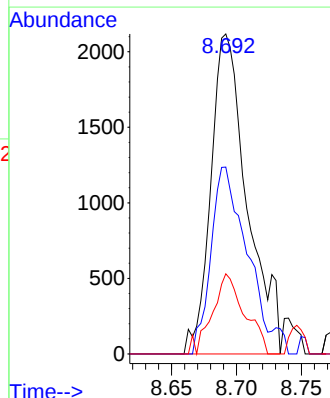
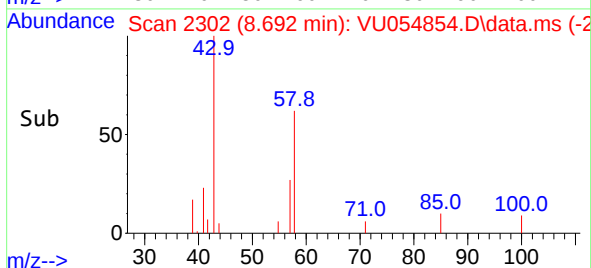
07/31/2023

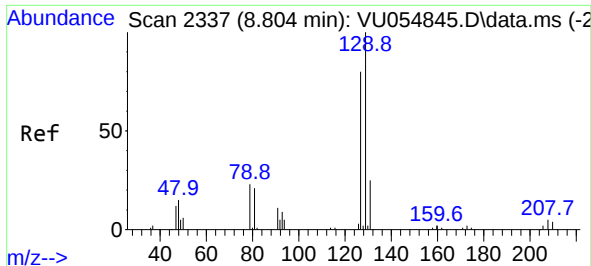


#54
2-Hexanone
Concen: 1.630 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



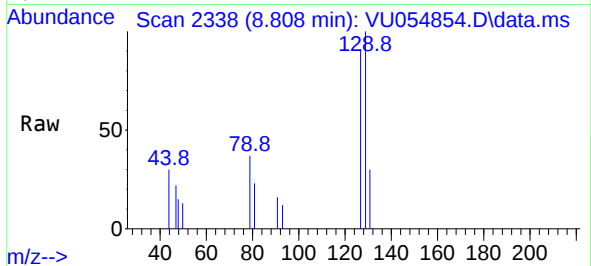
Tgt Ion: 43 Resp: 4122
Ion Ratio Lower Upper
43 100
58 56.9 38.9 78.9
57 22.3 0.0 38.7





#55
Dibromochloromethane
Concen: 0.312 ug/l
RT: 8.808 min Scan# 2129
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

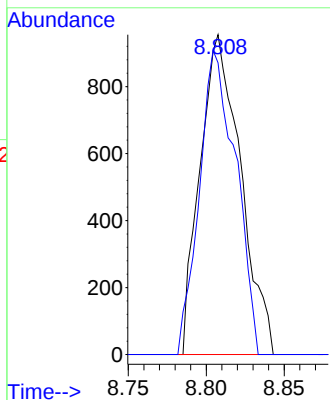
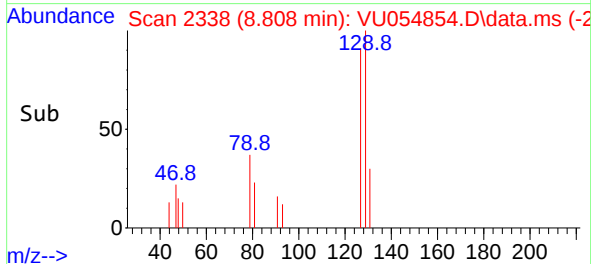
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:129 Resp: 1729
Ion Ratio Lower Upper
129 100
127 85.6 61.4 92.0

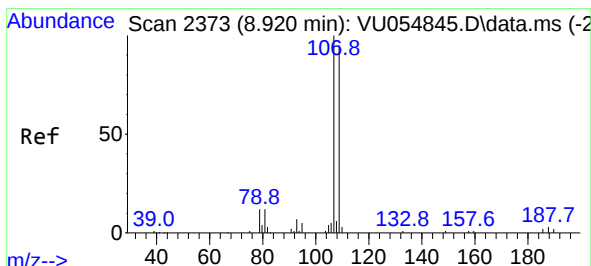
Manual Integrations
APPROVED

Reviewed By :John
Carlone

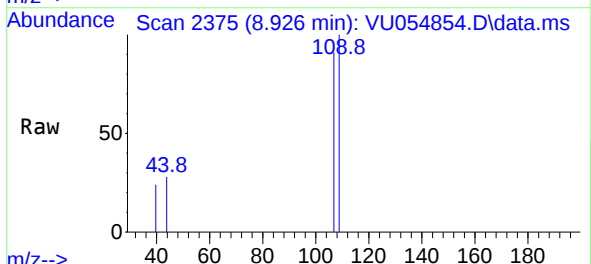


07/25/2023
Supervised By :Mahesh
Dadoda

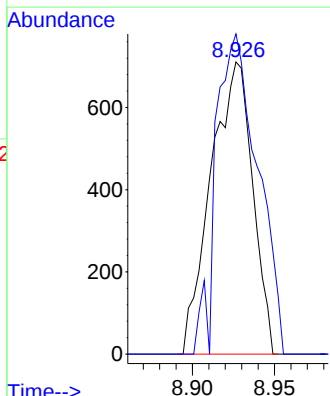
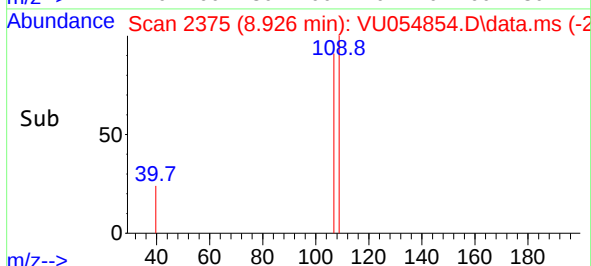
07/31/2023

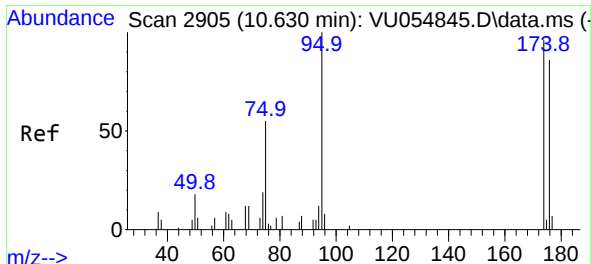


#56
1,2-Dibromoethane
Concen: 0.310 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



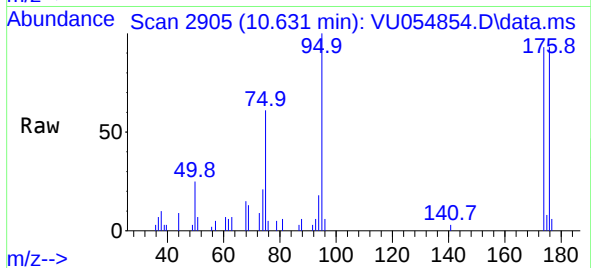
Tgt Ion:107 Resp: 1255
Ion Ratio Lower Upper
107 100
109 109.2 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.963 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

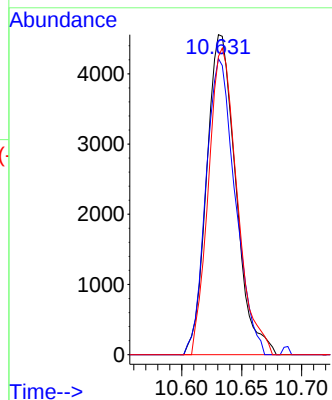
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 95 Resp: 768
Ion Ratio Lower Upper
95 100
174 93.1 79.3 118.9
176 94.2 71.5 107.3

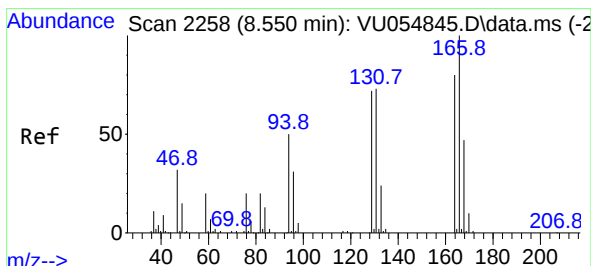
Manual Integrations
APPROVED

Reviewed By :John
Carlone



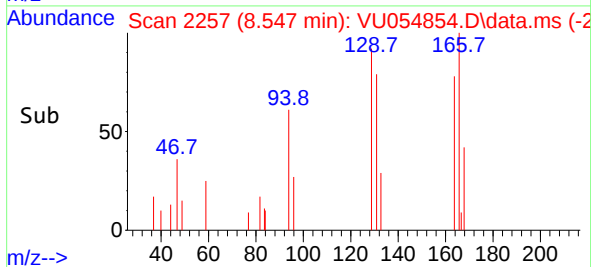
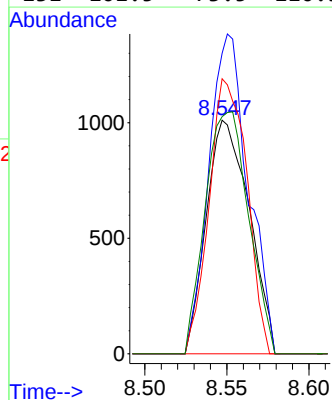
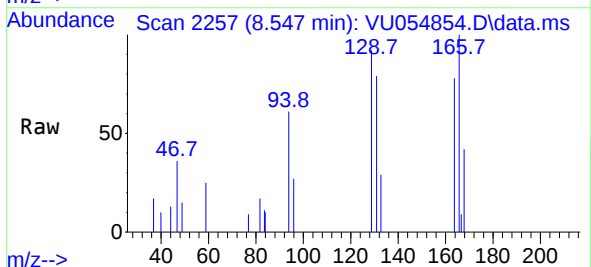
07/25/2023
Supervised By :Mahesh
Dadoda

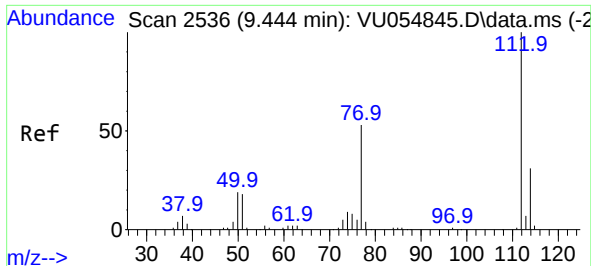
07/31/2023



#58
Tetrachloroethene
Concen: 0.342 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion:164 Resp: 1836
Ion Ratio Lower Upper
164 100
166 128.6 100.4 150.6
129 117.7 71.9 107.9#
131 101.5 73.5 110.3





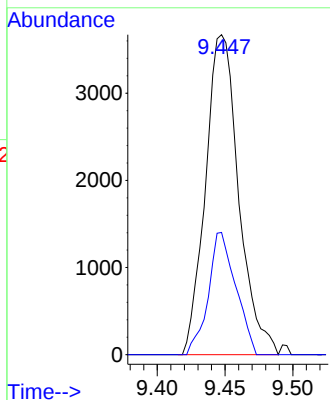
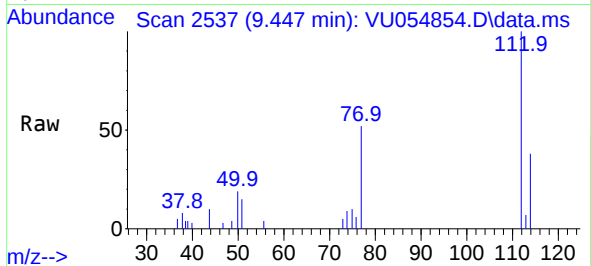
#59
Chlorobenzene
Concen: 0.361 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Instrument : MSVOA_U
Client SampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:112 Resp: 6264
Ion Ratio Lower Upper
112 100
114 38.2 25.0 37.6

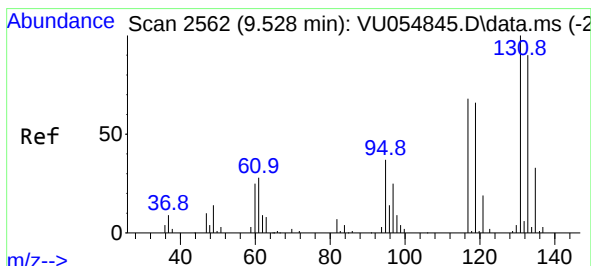
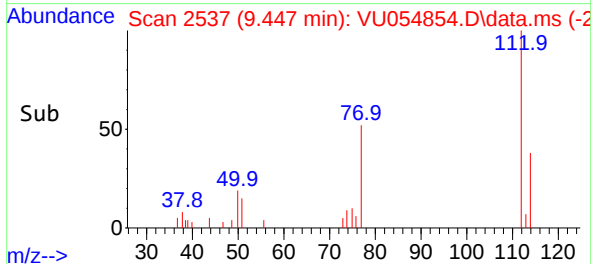
Manual Integrations
APPROVED

Reviewed By :John
Carlone



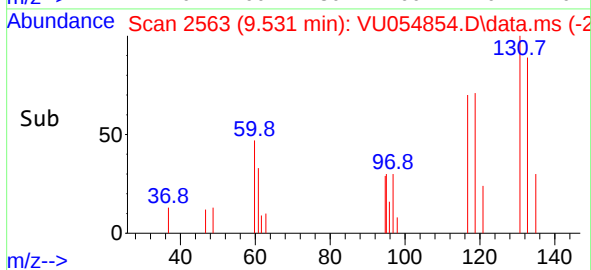
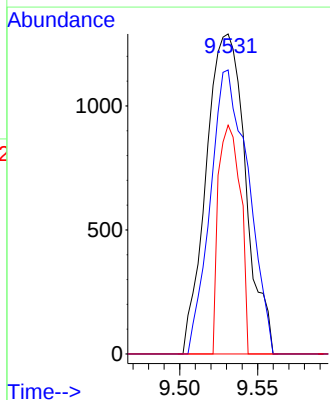
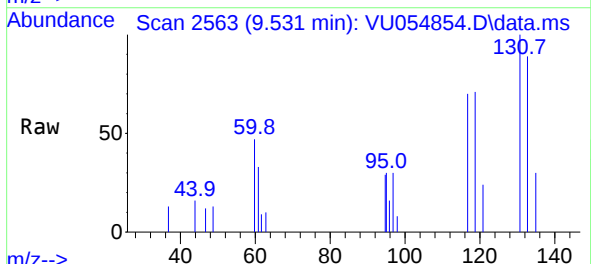
07/25/2023
Supervised By :Mahesh
Dadoda

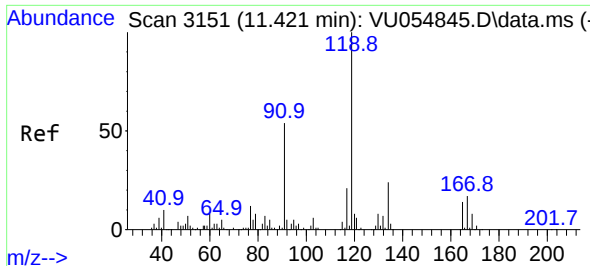
07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.371 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

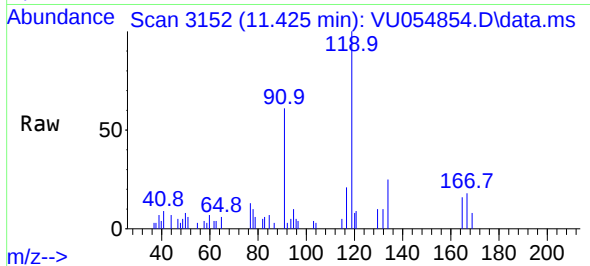
Tgt Ion:131 Resp: 2272
Ion Ratio Lower Upper
131 100
133 85.4 74.2 111.4
119 39.7 51.0 76.4





#61
Pentachloroethane
Concen: 0.286 ug/l
RT: 11.425 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

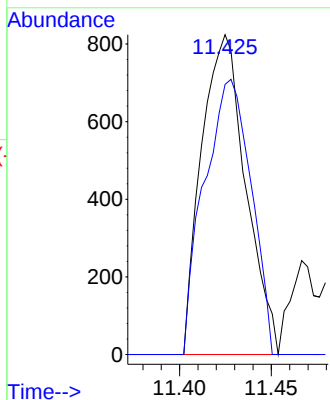
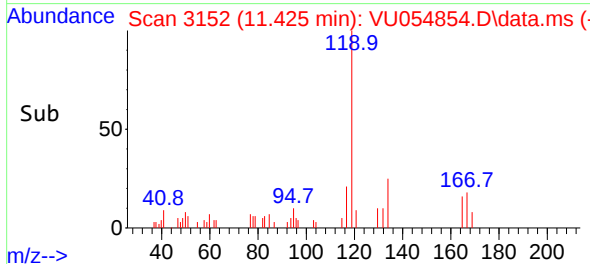
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:117 Resp: 138
Ion Ratio Lower Upper
117 100
167 90.9 65.3 97.9

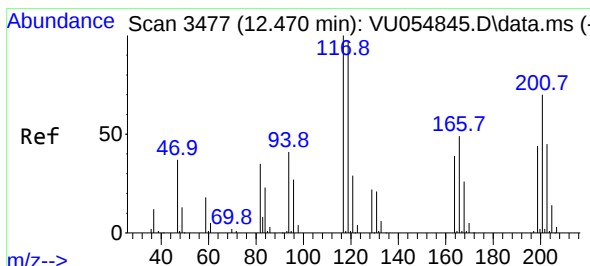
Manual Integrations
APPROVED

Reviewed By :John
Carlone

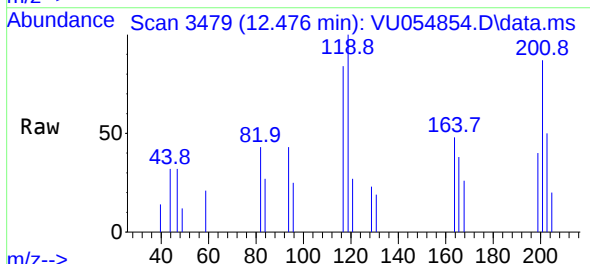


07/25/2023
Supervised By :Mahesh
Dadoda

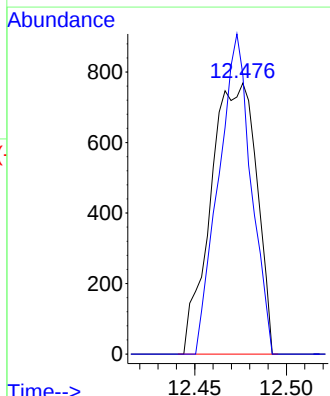
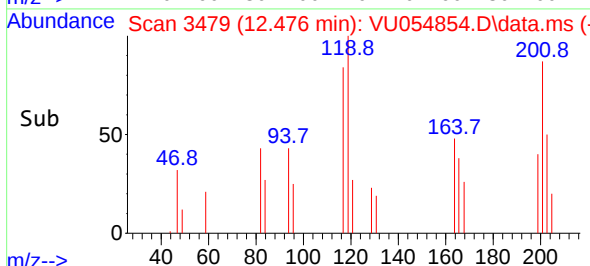
07/31/2023

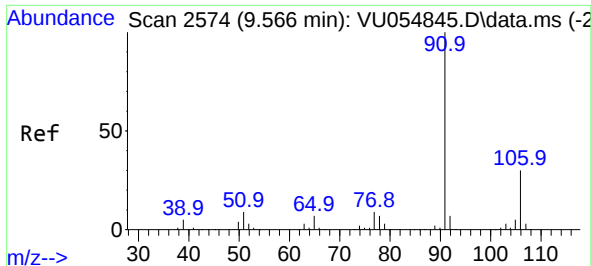


#62
Hexachloroethane
Concen: 0.271 ug/l
RT: 12.476 min Scan# 3479
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion:117 Resp: 1341
Ion Ratio Lower Upper
117 100
201 83.4 56.1 84.1





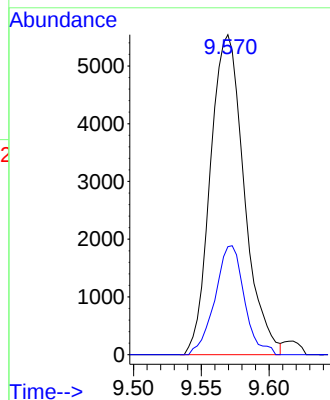
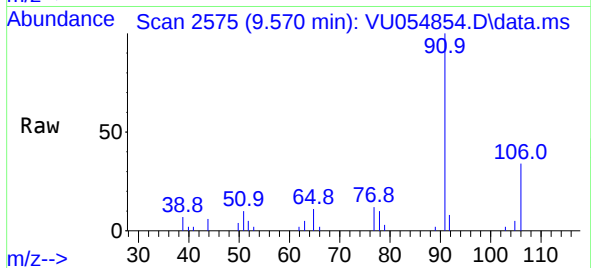
#63
Ethyl Benzene
Concen: 0.325 ug/l
RT: 9.570 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Instrument : MSVOA_U
Client SampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 9609
Ion Ratio Lower Upper
91 100
106 33.8 24.2 36.2

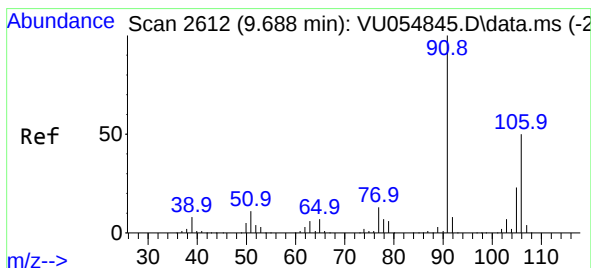
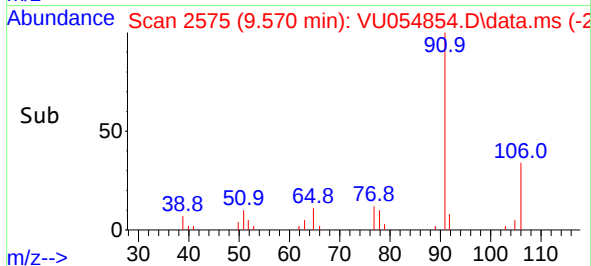
Manual Integrations
APPROVED

Reviewed By :John
Carlone



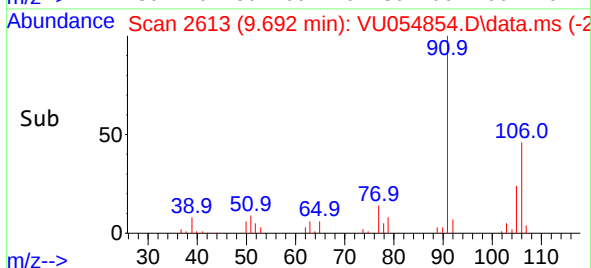
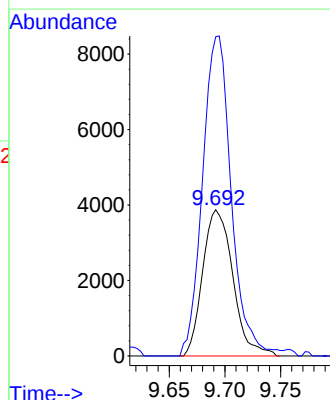
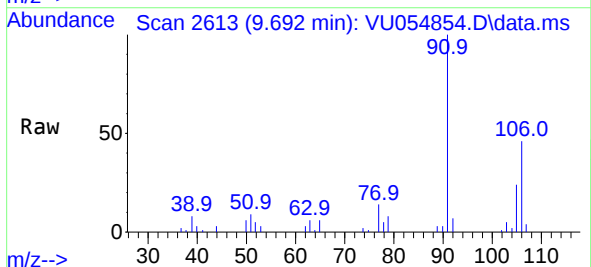
07/25/2023
Supervised By :Mahesh
Dadoda

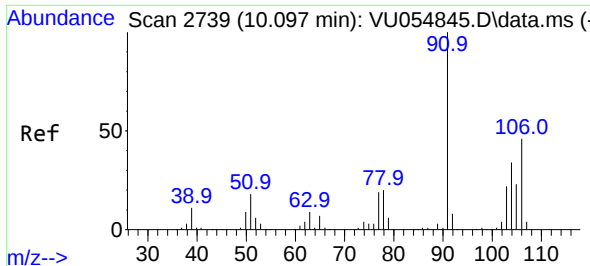
07/31/2023



#64
m/p-Xylenes
Concen: 0.652 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion:106 Resp: 7297
Ion Ratio Lower Upper
106 100
91 208.5 158.8 238.2





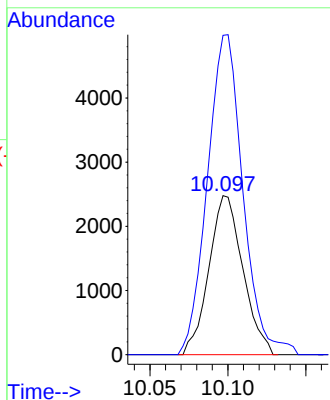
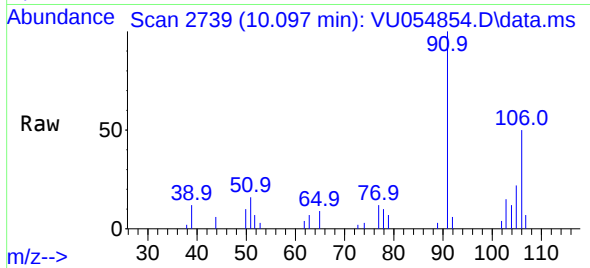
#65
o-Xylene
Concen: 0.333 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion:106 Resp: 375
Ion Ratio Lower Upper
106 100
91 210.4 108.9 326.8

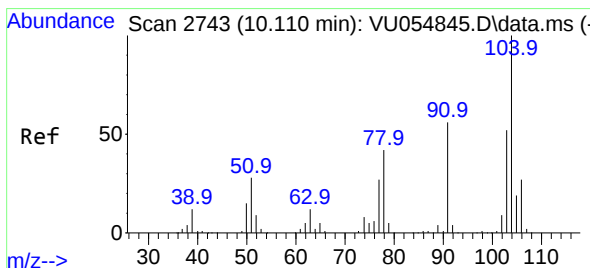
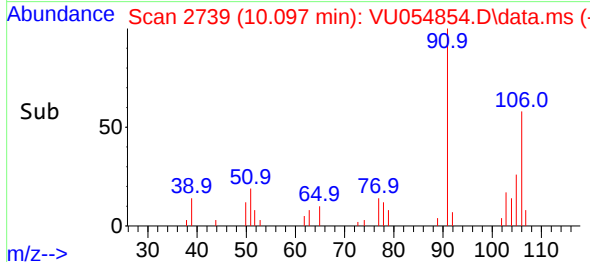
Manual Integrations
APPROVED

Reviewed By :John
Carlone



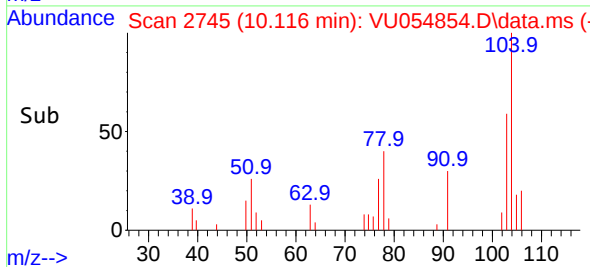
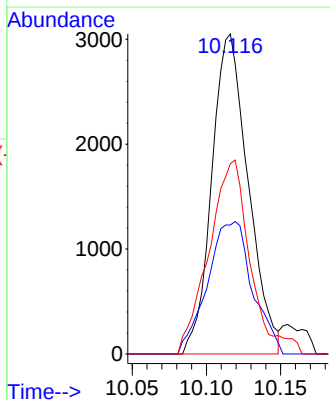
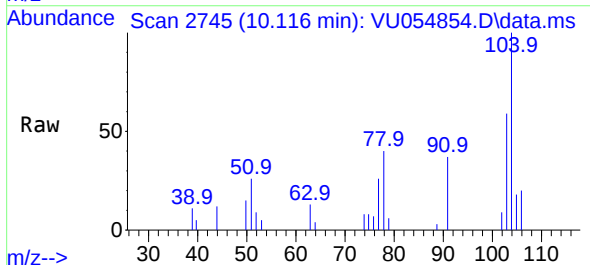
07/25/2023
Supervised By :Mahesh
Dadoda

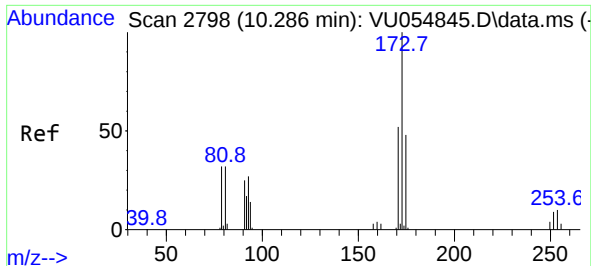
07/31/2023



#66
Styrene
Concen: 0.288 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

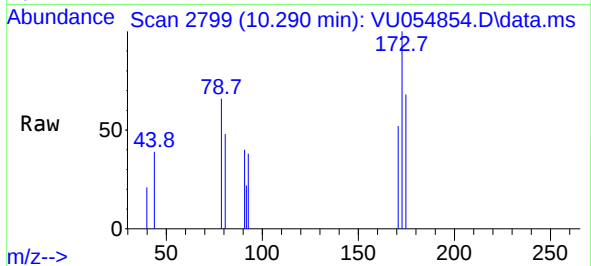
Tgt Ion:104 Resp: 5205
Ion Ratio Lower Upper
104 100
78 50.8 37.5 56.3
103 68.5 45.2 67.8#





#67
Bromoform
Concen: 0.310 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

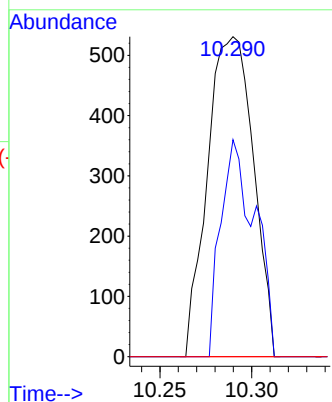
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:173 Resp: 924
Ion Ratio Lower Upper
173 100
175 50.6 39.0 58.6
254 0.0 7.4 11.0

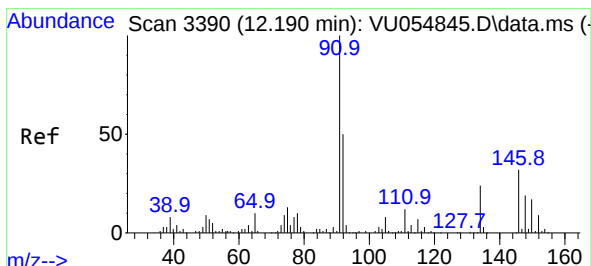
Manual Integrations
APPROVED

Reviewed By :John
Carlone

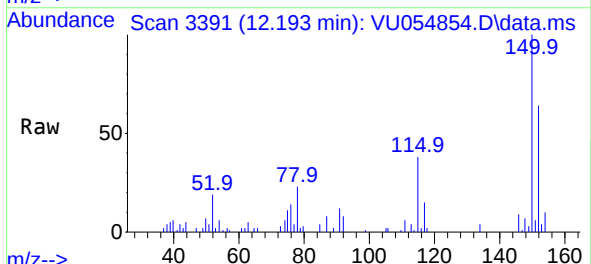


07/25/2023
Supervised By :Mahesh
Dadoda

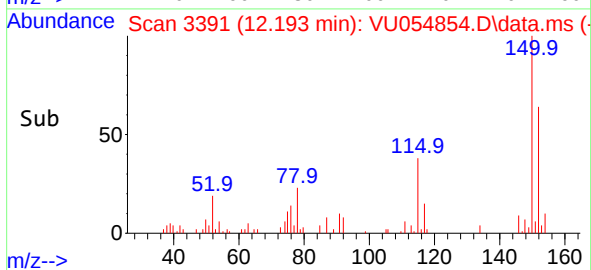
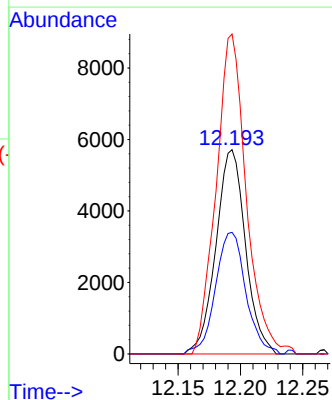
07/31/2023

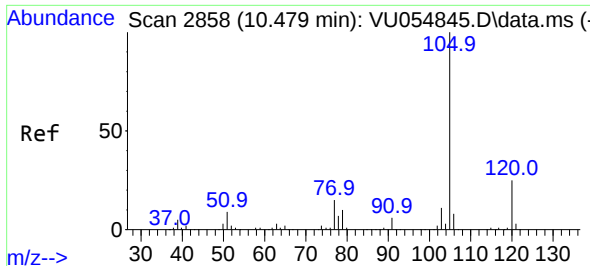


#68
1,2-Dichlorobenzene-d4
Concen: 1.023 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion:152 Resp: 9450
Ion Ratio Lower Upper
152 100
115 61.1 0.0 234.8
150 159.5 0.0 598.2





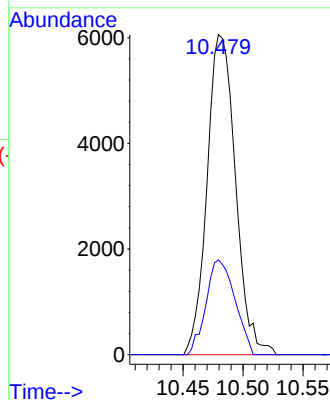
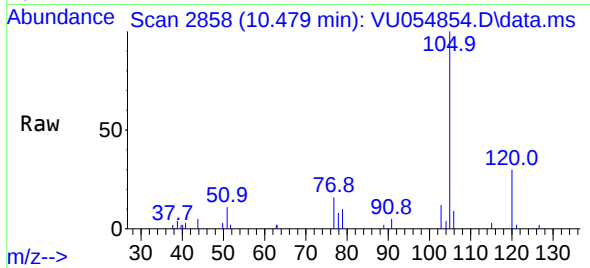
#69
Isopropylbenzene
Concen: 0.327 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion:105 Resp: 1000
Ion Ratio Lower Upper
105 100
120 30.0 12.6 37.6

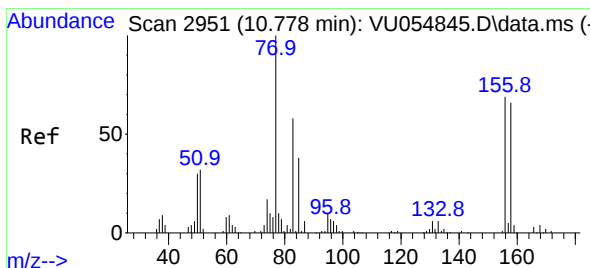
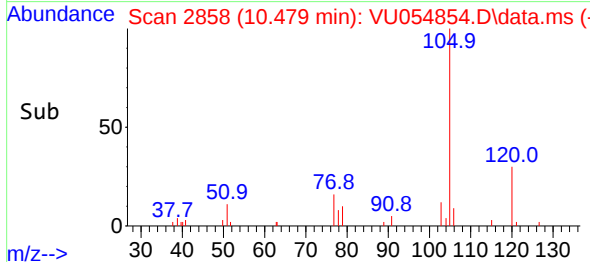
Manual Integrations
APPROVED

Reviewed By :John
Carlone



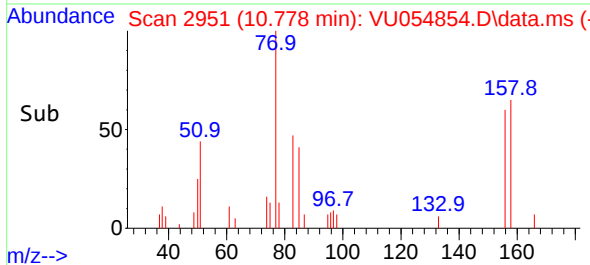
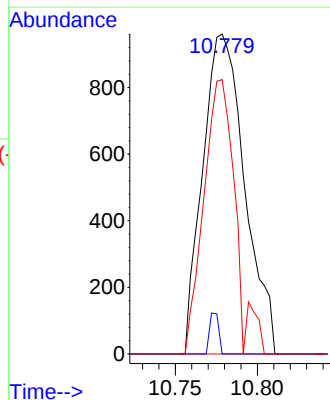
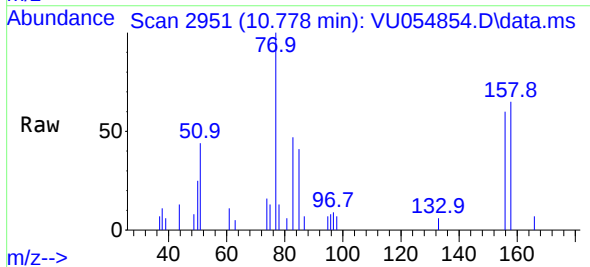
07/25/2023
Supervised By :Mahesh
Dadoda

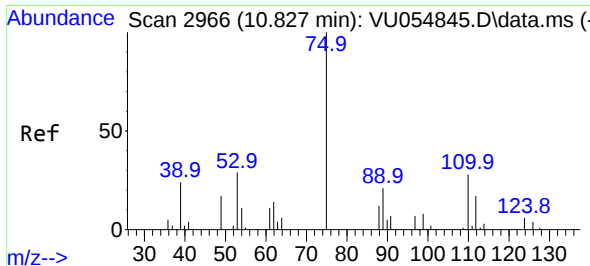
07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.297 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

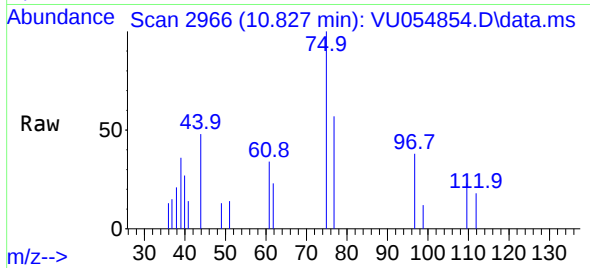
Tgt Ion: 83 Resp: 1711
Ion Ratio Lower Upper
83 100
131 2.7 7.5 11.3#
85 64.1 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.400 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

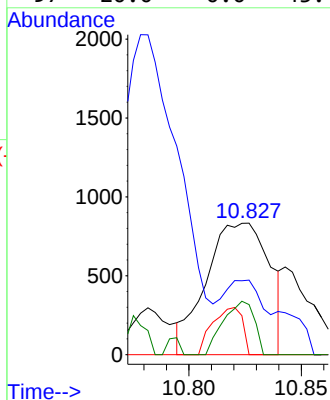
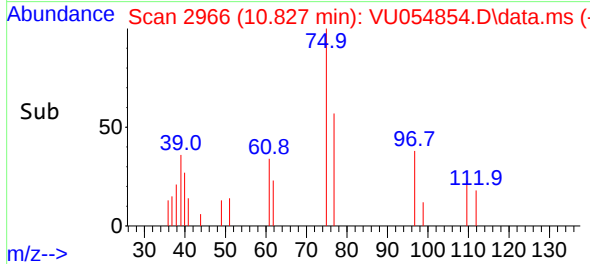
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 162
Ion Ratio Lower Upper
75 100
77 50.9 0.0 0.0
110 16.9 0.0 80.8
97 20.0 0.0 43.4

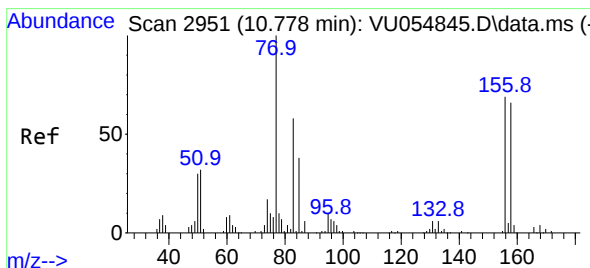
Manual Integrations
APPROVED

Reviewed By :John
Carlone

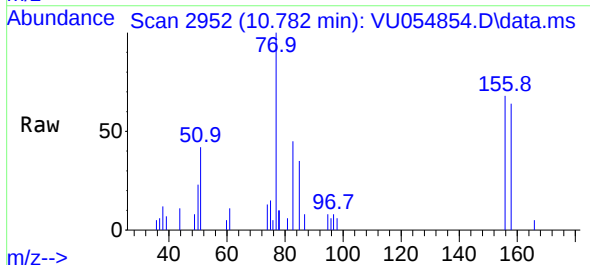


07/25/2023
Supervised By :Mahesh
Dadoda

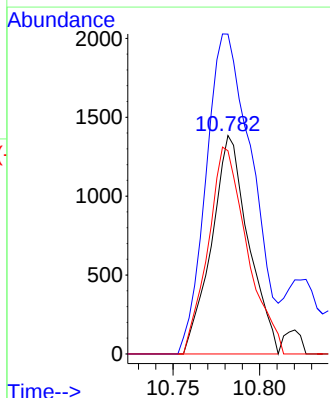
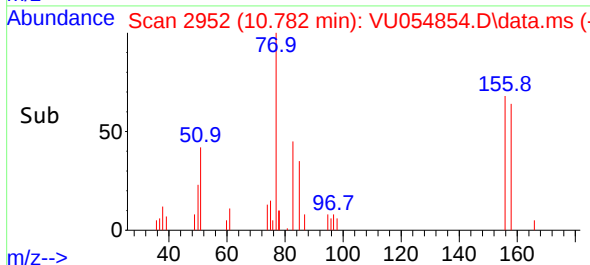
07/31/2023

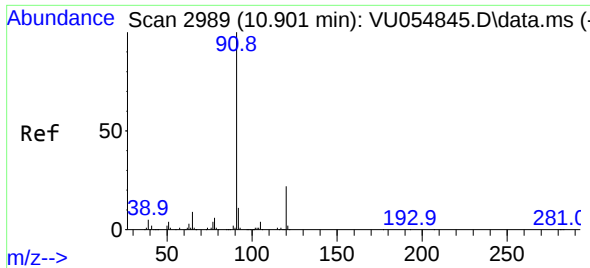


#72
Bromobenzene
Concen: 0.290 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion:156 Resp: 2046
Ion Ratio Lower Upper
156 100
77 183.9 0.0 293.2
158 100.4 0.0 189.8





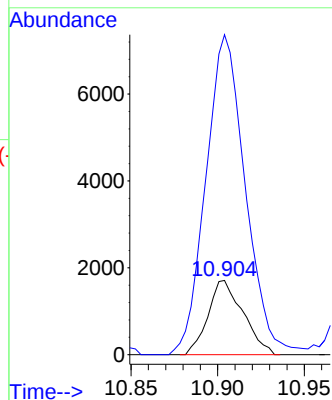
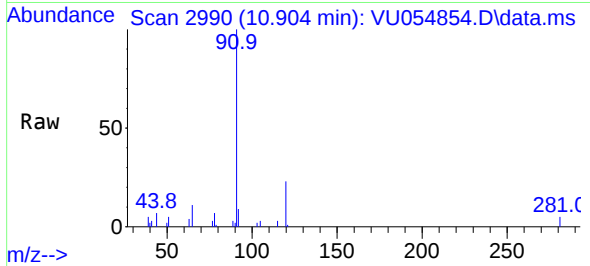
#73
n-propylbenzene
Concen: 0.293 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion:120 Resp: 2400
Ion Ratio Lower Upper
120 100
91 486.9 361.8 542.6

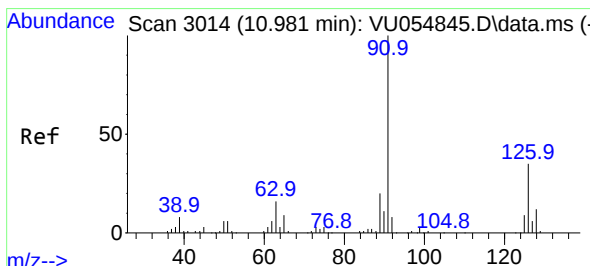
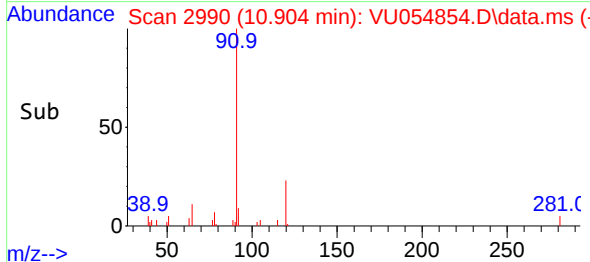
Manual Integrations
APPROVED

Reviewed By :John
Carlone



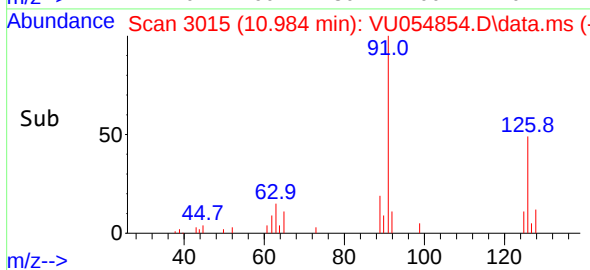
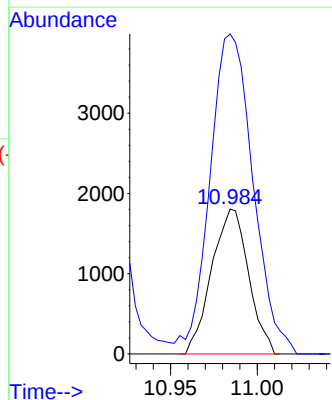
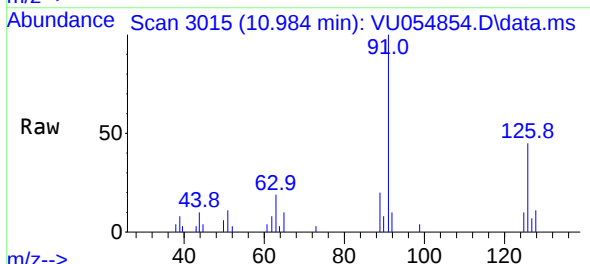
07/25/2023
Supervised By :Mahesh
Dadoda

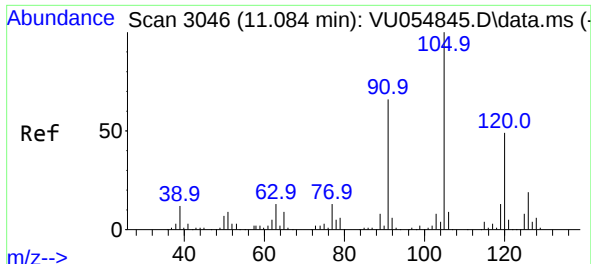
07/31/2023



#74
2-Chlorotoluene
Concen: 0.374 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

Tgt Ion:126 Resp: 2672
Ion Ratio Lower Upper
126 100
91 257.7 0.0 561.4





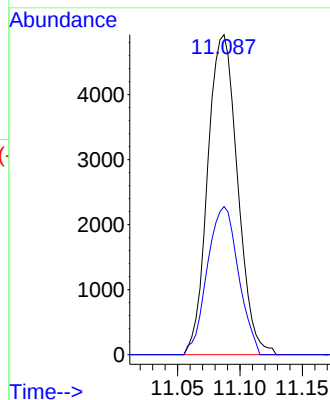
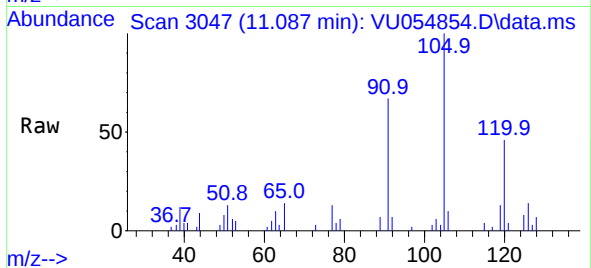
#75
1,3,5-Trimethylbenzene
Concen: 0.330 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

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

Tgt Ion:105 Resp: 8214
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.4

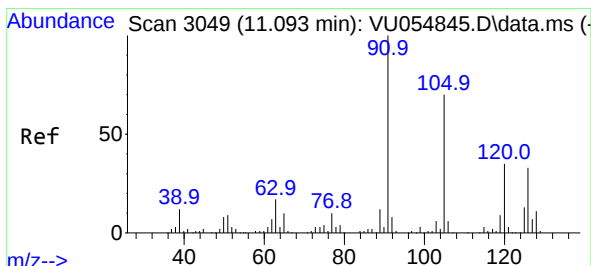
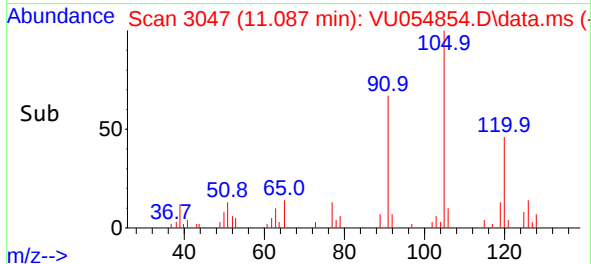
Manual Integrations
APPROVED

Reviewed By :John
Carlone



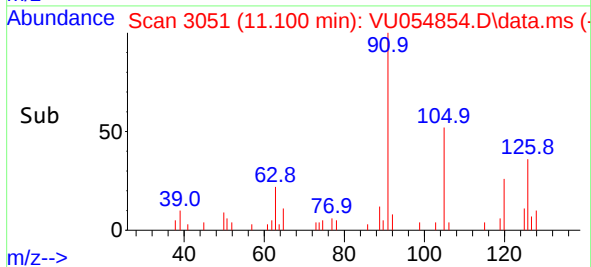
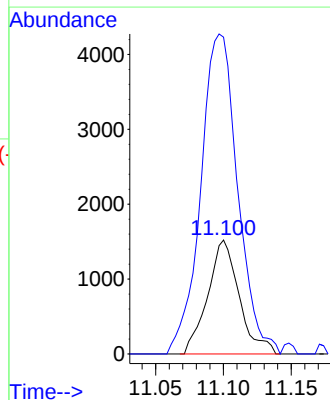
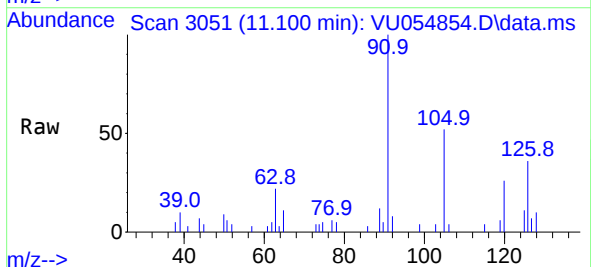
07/25/2023
Supervised By :Mahesh
Dadoda

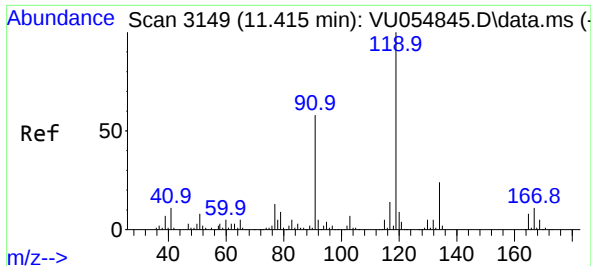
07/31/2023



#76
4-Chlorotoluene
Concen: 0.335 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

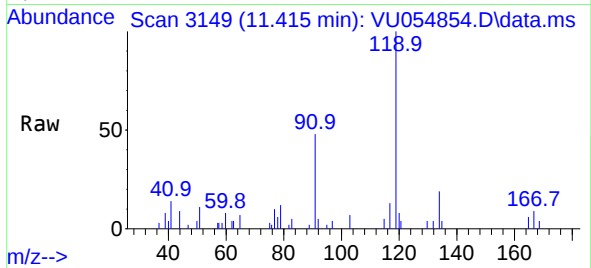
Tgt Ion:126 Resp: 2460
Ion Ratio Lower Upper
126 100
91 329.5 0.0 623.4





#77
tert-Butylbenzene
Concen: 0.349 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

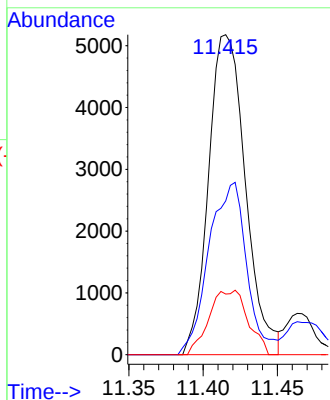
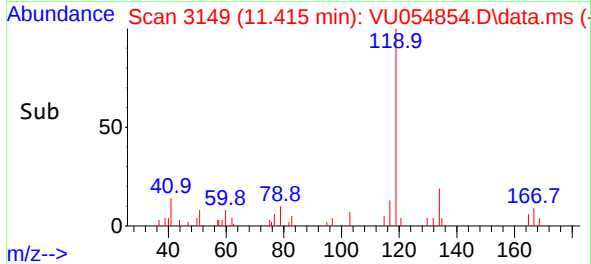
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:119 Resp: 894
Ion Ratio Lower Upper
119 100
91 55.5 27.7 83.1
134 21.2 18.6 27.8

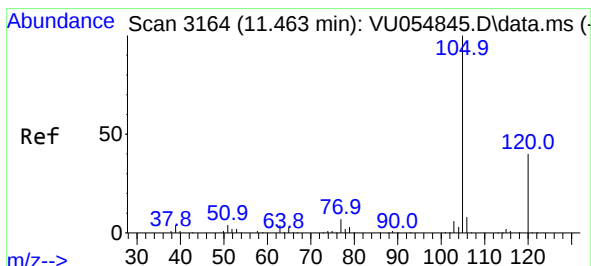
Manual Integrations
APPROVED

Reviewed By :John
Carlone

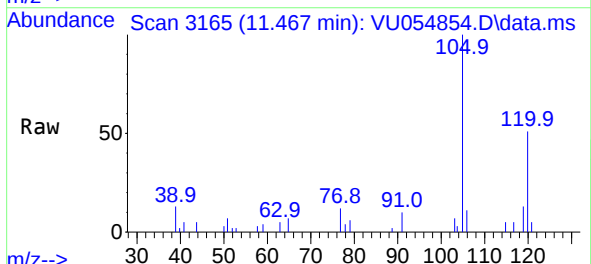


07/25/2023
Supervised By :Mahesh
Dadoda

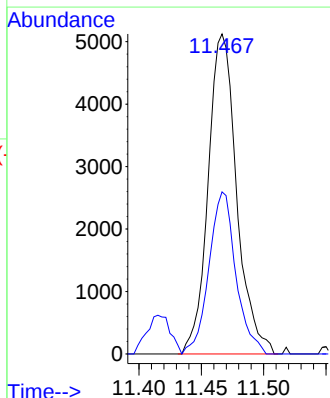
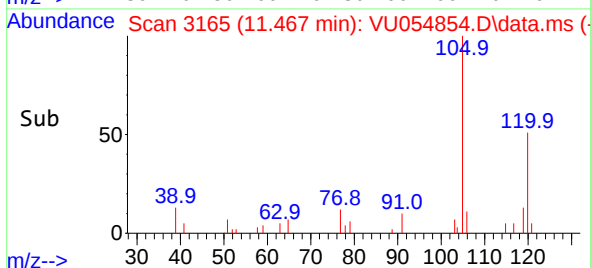
07/31/2023

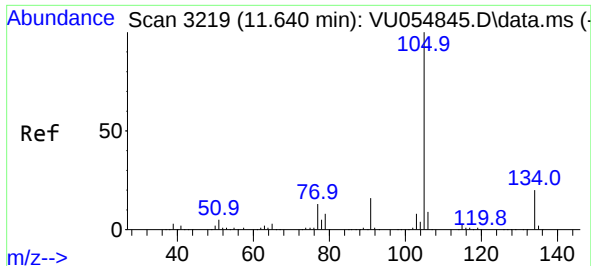


#78
1,2,4-Trimethylbenzene
Concen: 0.327 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



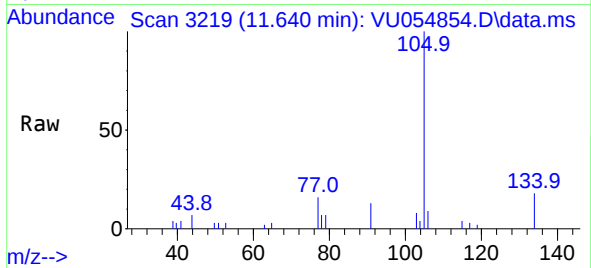
Tgt Ion:105 Resp: 8177
Ion Ratio Lower Upper
105 100
120 47.7 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.299 ug/l
 RT: 11.640 min Scan# 3114
 Delta R.T. 0.000 min
 Lab File: VU054854.D
 Acq: 24 Jul 2023 12:38

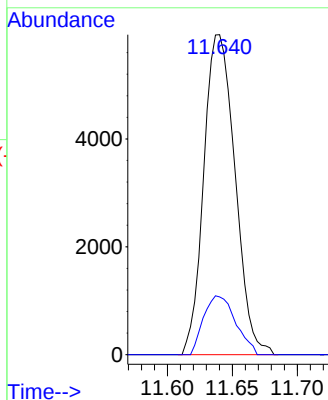
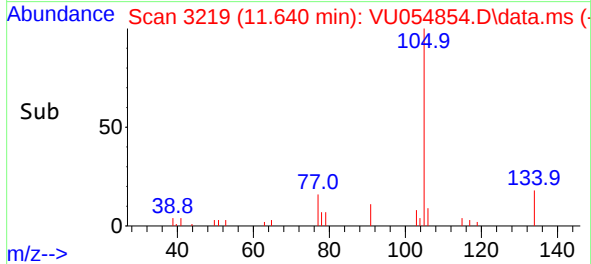
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023



Tgt Ion:105 Resp: 9939
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.7 23.5

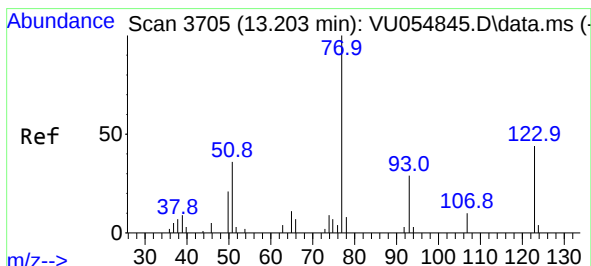
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

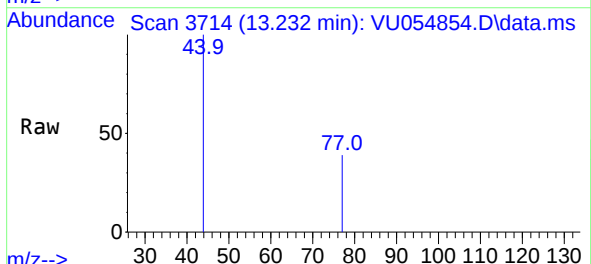


07/25/2023
 Supervised By :Mahesh
 Dadoda

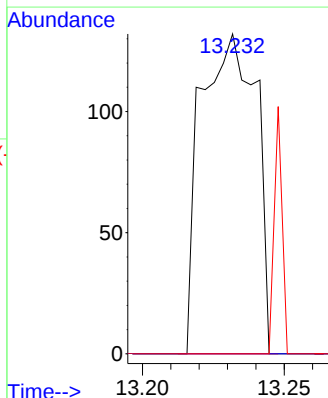
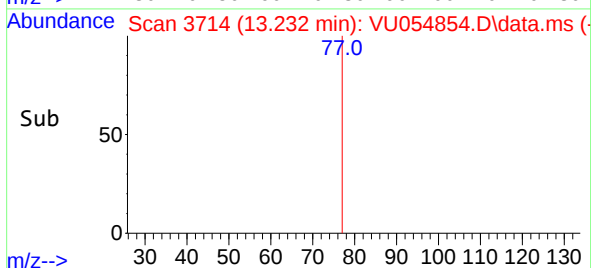
07/31/2023

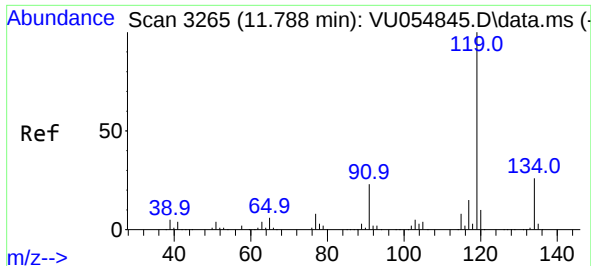


#80
 Nitrobenzene
 Concen: 1.065 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.029 min
 Lab File: VU054854.D
 Acq: 24 Jul 2023 12:38



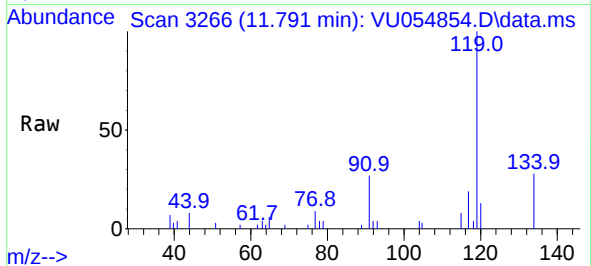
Tgt Ion: 77 Resp: 178
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 11.2 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.294 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

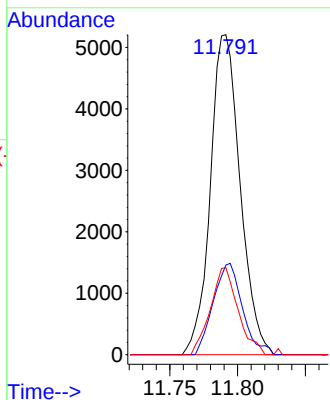
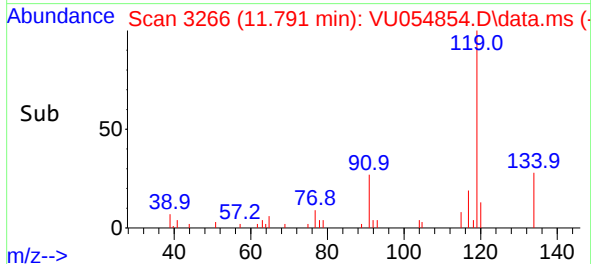
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:119 Resp: 7958
Ion Ratio Lower Upper
119 100
134 27.9 20.6 31.0
91 25.3 18.2 27.4

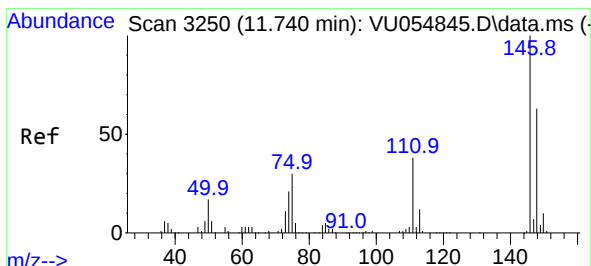
Manual Integrations
APPROVED

Reviewed By :John
Carlone

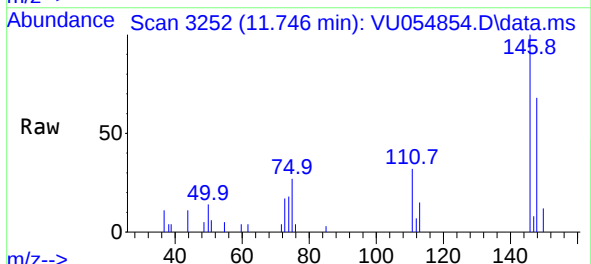


07/25/2023
Supervised By :Mahesh
Dadoda

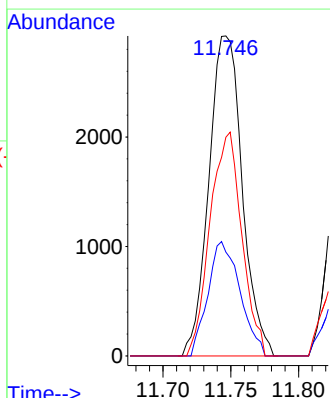
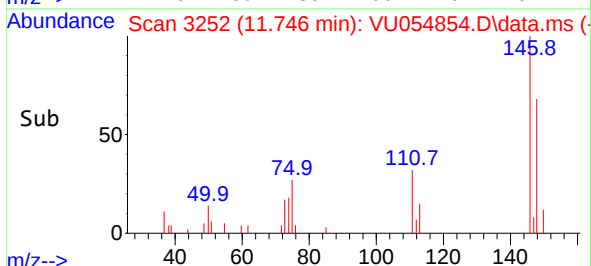
07/31/2023

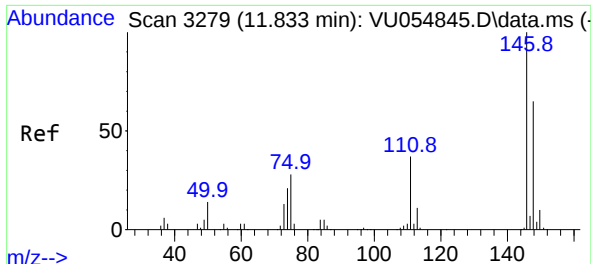


#82
1,3-Dichlorobenzene
Concen: 0.355 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



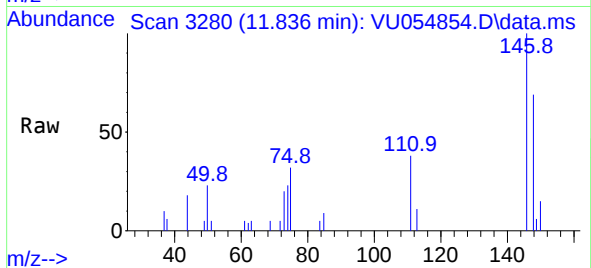
Tgt Ion:146 Resp: 5007
Ion Ratio Lower Upper
146 100
111 34.4 30.5 45.7
148 66.5 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.341 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

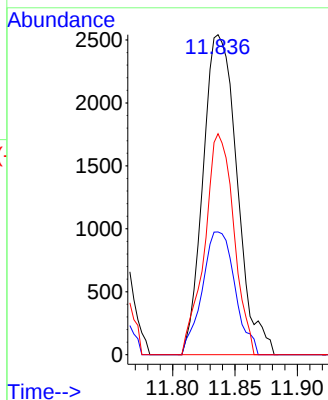
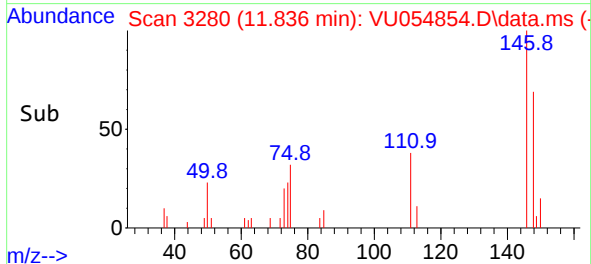
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:146 Resp: 483
Ion Ratio Lower Upper
146 100
111 37.0 29.5 44.3
148 59.4 51.2 76.8

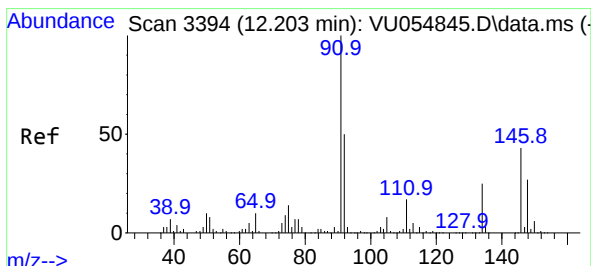
Manual Integrations
APPROVED

Reviewed By :John
Carlone

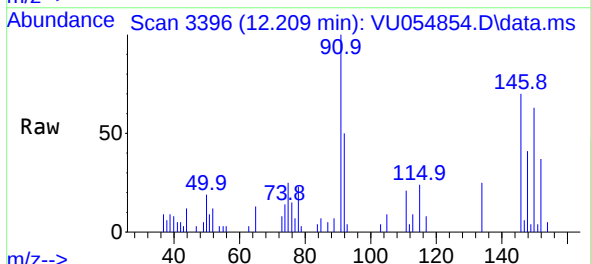


07/25/2023
Supervised By :Mahesh
Dadoda

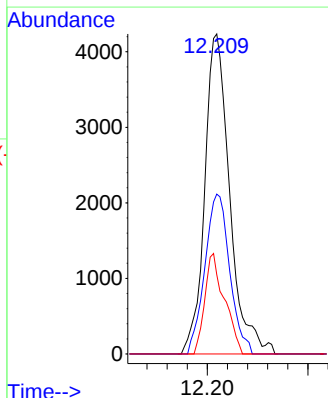
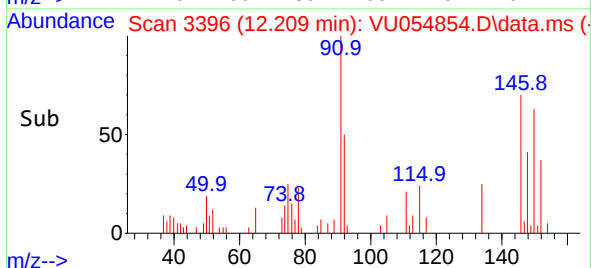
07/31/2023

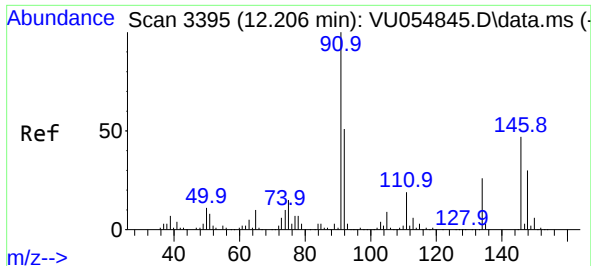


#84
n-Butylbenzene
Concen: 0.293 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



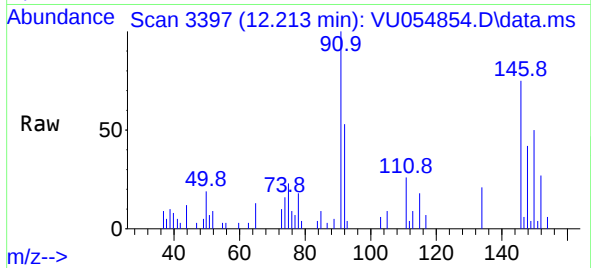
Tgt Ion: 91 Resp: 7309
Ion Ratio Lower Upper
91 100
92 49.6 39.8 59.8
134 24.6 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 0.364 ug/l
RT: 12.213 min Scan# 3395
Delta R.T. 0.007 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

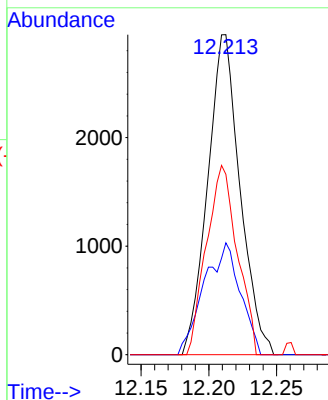
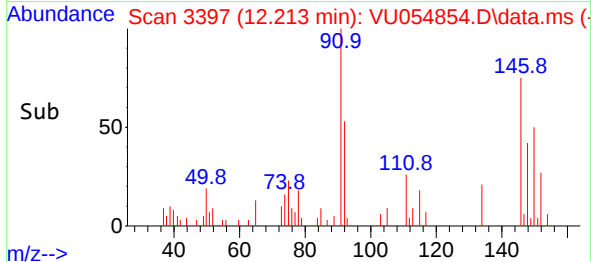
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:146 Resp: 489
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.4
148 56.5 31.8 95.3

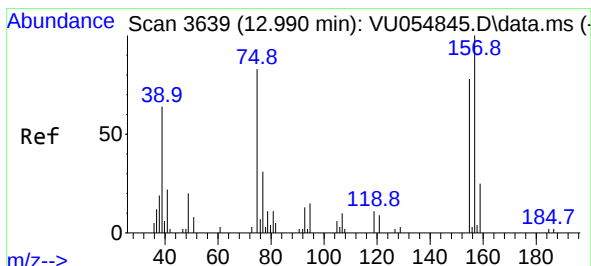
Manual Integrations
APPROVED

Reviewed By :John
Carlone

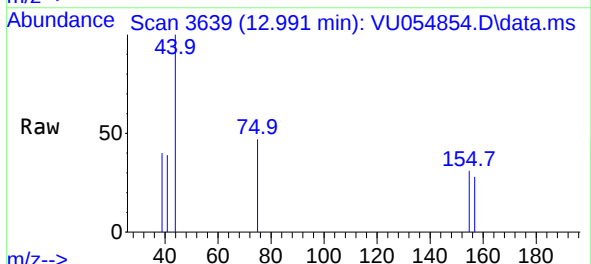


07/25/2023
Supervised By :Mahesh
Dadoda

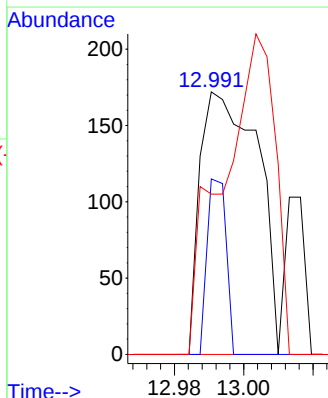
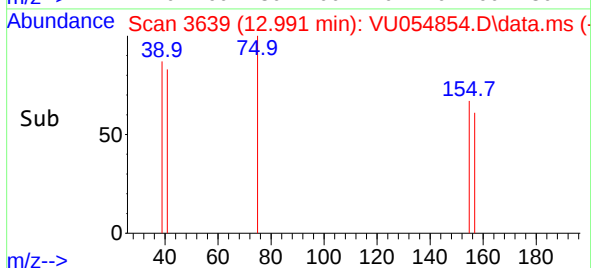
07/31/2023

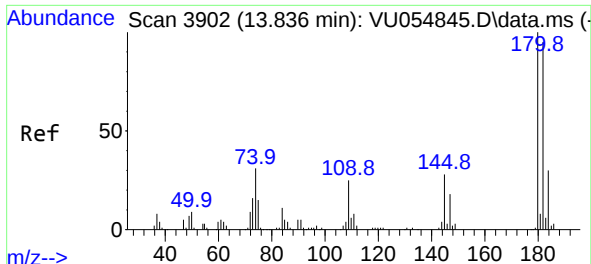


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.262 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.001 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



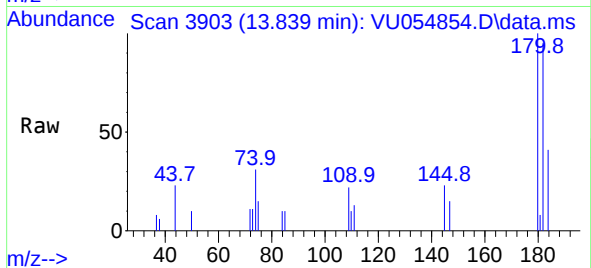
Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 22.2 74.8 112.2#
157 0.0 97.4 146.0#





#87
1,2,4-Trichlorobenzene
Concen: 0.337 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

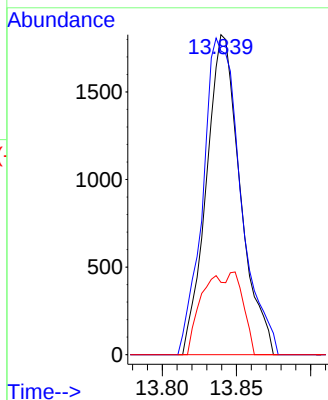
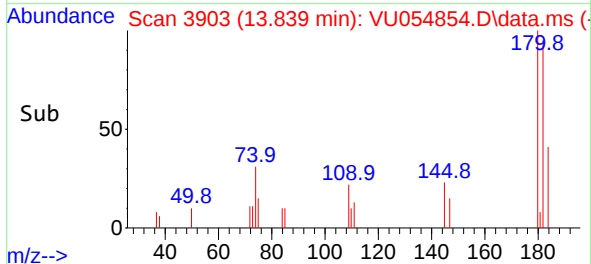
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:180 Resp: 290
Ion Ratio Lower Upper
180 100
182 110.1 77.0 115.6
145 19.0 23.4 35.0

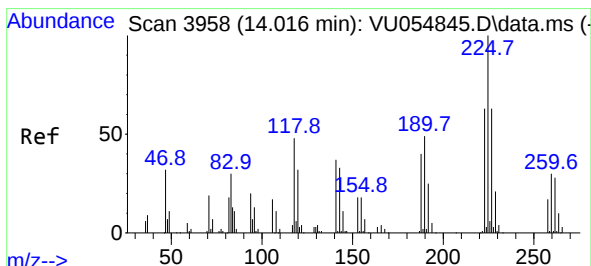
Manual Integrations
APPROVED

Reviewed By :John
Carlone

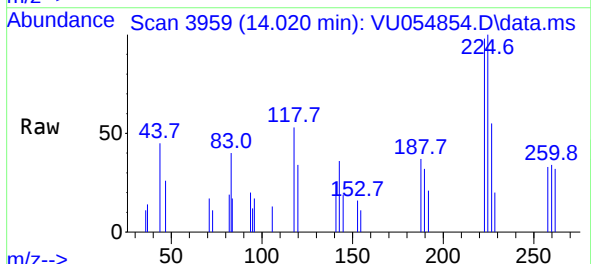


07/25/2023
Supervised By :Mahesh
Dadoda

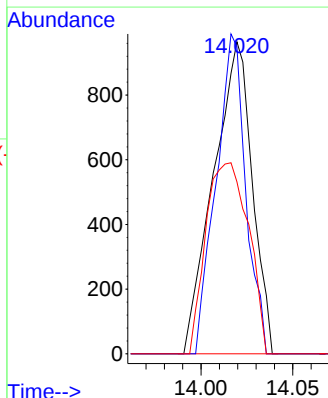
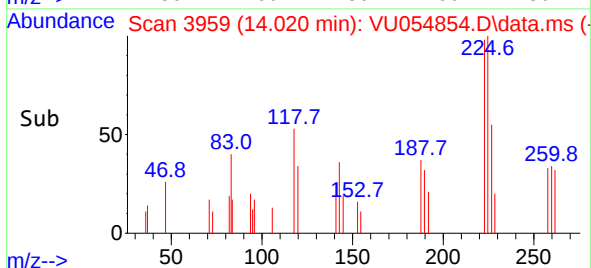
07/31/2023

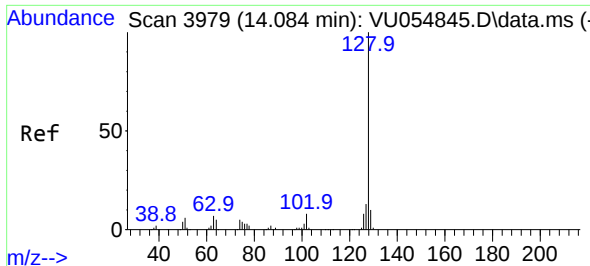


#88
Hexachlorobutadiene
Concen: 0.308 ug/l
RT: 14.020 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



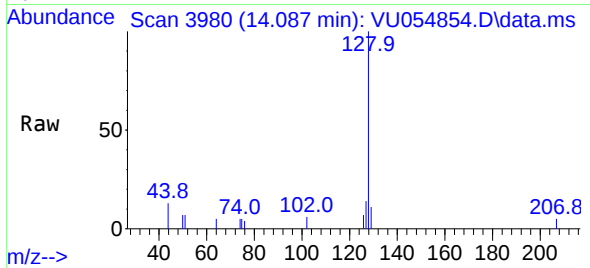
Tgt Ion:225 Resp: 1416
Ion Ratio Lower Upper
225 100
223 78.2 50.6 76.0#
227 67.4 50.7 76.1





#89
Naphthalene
Concen: 0.395 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38

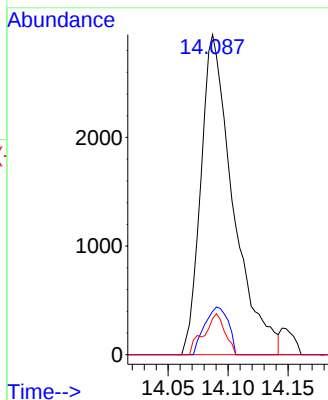
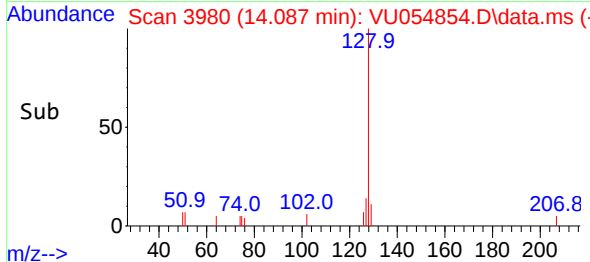
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion:128 Resp: 5500
Ion Ratio Lower Upper
128 100
127 10.9 10.6 15.8
129 8.4 8.7 13.1

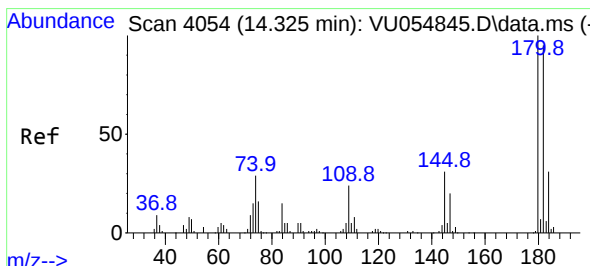
Manual Integrations
APPROVED

Reviewed By :John
Carlone

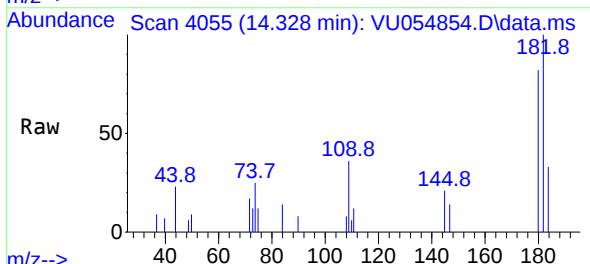


07/25/2023
Supervised By :Mahesh
Dadoda

07/31/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.328 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054854.D
Acq: 24 Jul 2023 12:38



Tgt Ion:180 Resp: 2447
Ion Ratio Lower Upper
180 100
182 112.8 76.0 114.0
145 28.5 24.3 36.5

