

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054857.D
 Acq On : 24 Jul 2023 13:49
 Operator : MD/SY
 Sample : 03572-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 25 06:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 25 05:02:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.110	96	26720	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7911	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9223	0.987	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5336	1.004	ug/l	93
3) Chloromethane	1.518	50	5994	0.971	ug/l	90
4) Vinyl Chloride	1.602	62	7570	0.955	ug/l	97
5) Bromomethane	1.856	94	5844	1.039	ug/l	85
6) Chloroethane	1.930	64	7239	0.966	ug/l	91
7) Trichlorofluoromethane	2.133	101	18639	0.970	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	5611	1.019	ug/l	96
9) 1,1-Dichloroethene	2.576	96	4873	1.060	ug/l	94
10) Iodomethane	2.718	142	7467	1.008	ug/l	93
11) Allyl Chloride	2.920	41	5817	1.079	ug/l	90
12) Acrylonitrile	3.345	53	1954	1.747	ug/l	# 62
13) Acetone	2.650	43	6055m	6.315	ug/l	
14) Carbon Disulfide	2.789	76	7901	1.020	ug/l	100
15) Methylene Chloride	3.043	84	8434	0.984	ug/l	90
16) trans-1,2-Dichloroethene	3.348	96	4808	0.941	ug/l	98
17) 1,1-Dichloroethane	3.866	63	10667	0.987	ug/l	97
18) 2-Butanone	4.737	43	7504m	5.350	ug/l	
19) Cyclohexane	5.380	56	6945	1.110	ug/l	98
20) Methylcyclohexane	6.756	83	8184	0.985	ug/l	97
21) 2,2-Dichloropropane	4.660	77	9890	1.049	ug/l	100
22) cis-1,2-Dichloroethene	4.666	96	6640	1.027	ug/l	96
23) Diethyl Ether	2.374	59	7496	1.061	ug/l	93
24) tert-Butyl Alcohol	3.258	59	3822m	6.282	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	14265	1.017	ug/l	96
26) Bromochloromethane	4.981	128	2641m	1.071	ug/l	
27) Chloroform	5.087	83	12174	1.025	ug/l	99
28) 1,1,1-Trichloroethane	5.313	97	10434	1.045	ug/l	99
29) 1,1-Dichloropropene	5.522	75	7077	0.997	ug/l	97
30) Carbon Tetrachloride	5.518	117	7658	0.923	ug/l	98
31) Isopropyl Ether	3.991	45	16635	1.040	ug/l	100
32) Ethyl-t-butyl ether	4.499	59	16725	1.018	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	15682	1.014	ug/l	100
34) Propionitrile	4.827	54	1774m	4.228	ug/l	
35) Benzene	5.772	78	23428	1.015	ug/l	100
36) 1,2-Dichloroethane	5.792	62	6485	0.978	ug/l	100
37) Trichloroethene	6.544	130	6367	1.021	ug/l	95
38) 1,2-Dichloropropane	6.785	63	6113	0.918	ug/l	97
39) Methacrylonitrile	5.001	41	1686m	1.129	ug/l	
40) Methyl acrylate	4.869	55	1996	0.783	ug/l	# 72
41) Tetrahydrofuran	5.068	42	1624	1.840	ug/l	# 70
42) 1-Chlorobutane	5.457	56	10255	1.068	ug/l	98
43) Dibromomethane	6.914	93	2803	0.905	ug/l	# 83
44) Bromodichloromethane	7.100	83	8961	1.056	ug/l	# 96

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 LOQ-WATER-02-QT3-2023

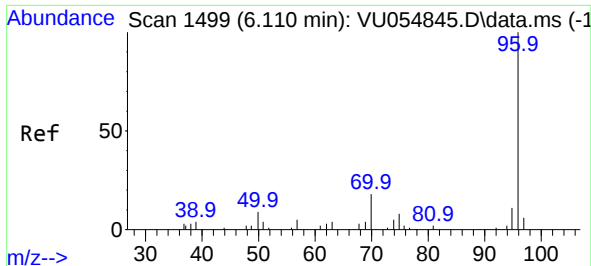
Quant Time: Jul 25 06:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
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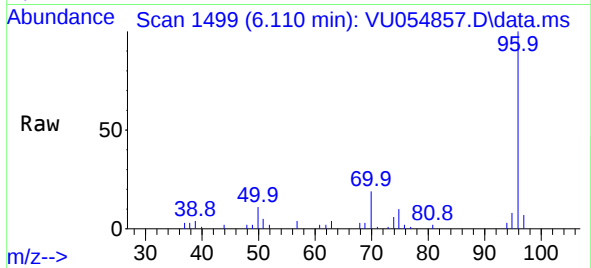
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	17434	4.755	ug/l	96
46) t-1,4-Dichloro-2-butene	10.843	75	1952m	1.272	ug/l	
47) Methyl methacrylate	6.962	69	5229	1.797	ug/l	89
48) Ethyl methacrylate	8.335	69	6091	1.030	ug/l	92
49) Toluene	7.968	92	14603	0.992	ug/l	96
50) t-1,3-Dichloropropene	8.210	75	7471	0.993	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	9033	0.987	ug/l	99
52) 1,1,2-Trichloroethane	8.399	97	4574	0.978	ug/l	96
53) 1,3-Dichloropropane	8.573	76	7745	0.983	ug/l	91
54) 2-Hexanone	8.685	43	12778	4.998	ug/l	93
55) Dibromochloromethane	8.811	129	5117	0.916	ug/l	97
56) 1,2-Dibromoethane	8.923	107	4113	1.006	ug/l	96
58) Tetrachloroethene	8.550	164	5958	1.096	ug/l	91
59) Chlorobenzene	9.447	112	16989	0.968	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.531	131	6473	1.045	ug/l	94
61) Pentachloroethane	11.428	117	4837	0.992	ug/l	92
62) Hexachloroethane	12.467	117	4843	0.967	ug/l	97
63) Ethyl Benzene	9.566	91	29439	0.984	ug/l	93
64) m/p-Xylenes	9.692	106	21946	1.940	ug/l	100
65) o-Xylene	10.097	106	11805	1.036	ug/l	88
66) Styrene	10.113	104	17605	0.962	ug/l	97
67) Bromoform	10.283	173	2748	0.913	ug/l	93
69) Isopropylbenzene	10.480	105	29940	0.969	ug/l	93
70) 1,1,2,2-Tetrachloroethane	10.779	83	5725	0.982	ug/l	99
71) 1,2,3-Trichloropropane	10.824	75	5195m	1.265	ug/l	
72) Bromobenzene	10.782	156	7256	1.018	ug/l	95
73) n-propylbenzene	10.904	120	8064	0.971	ug/l	97
74) 2-Chlorotoluene	10.981	126	6918	0.957	ug/l	92
75) 1,3,5-Trimethylbenzene	11.087	105	23942	0.951	ug/l	99
76) 4-Chlorotoluene	11.097	126	7570	1.018	ug/l	100
77) tert-Butylbenzene	11.415	119	25343	0.977	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	23943	0.946	ug/l	97
79) sec-Butylbenzene	11.640	105	31944	0.949	ug/l	100
80) Nitrobenzene	13.229	77	544m	3.219	ug/l	
81) p-Isopropyltoluene	11.791	119	23883	0.871	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	14685	1.029	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	14155	0.989	ug/l	96
84) n-Butylbenzene	12.206	91	20677	0.820	ug/l	97
85) 1,2-Dichlorobenzene	12.213	146	13385	0.984	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.997	75	848	1.109	ug/l #	53
87) 1,2,4-Trichlorobenzene	13.840	180	8212	0.942	ug/l	96
88) Hexachlorobutadiene	14.013	225	4655	1.000	ug/l	96
89) Naphthalene	14.087	128	12767	0.906	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	7479	0.993	ug/l	92

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
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ClientSampleId :
LOQ-WATER-02-QT3-2023

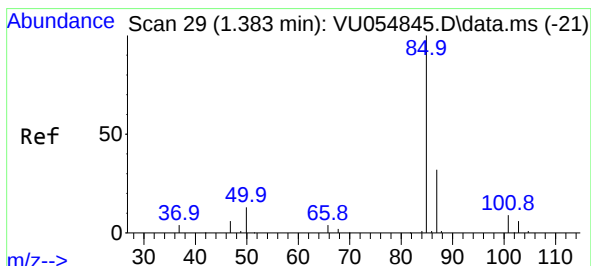
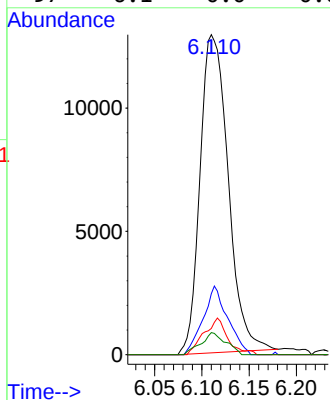
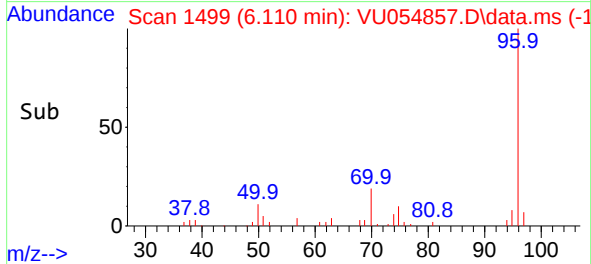


Tgt Ion: 96 Resp: 26720

Ion	Ratio	Lower	Upper
96	100		
70	18.9	14.0	21.0
95	9.7	8.7	13.1
97	6.1	0.0	0.0

Manual Integrations
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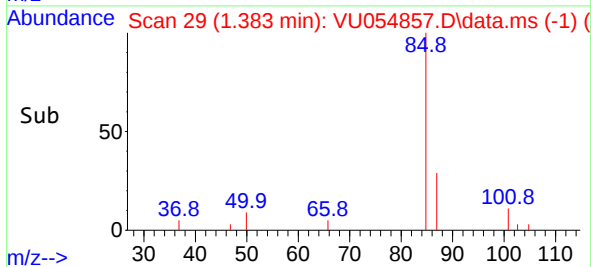
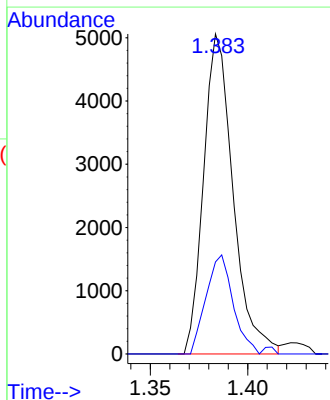
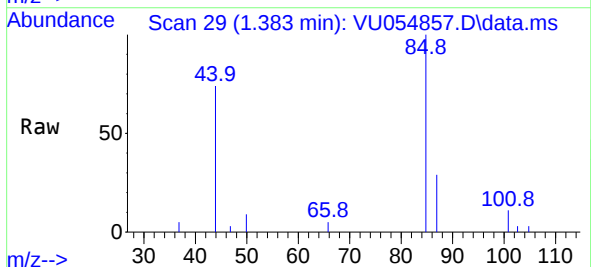
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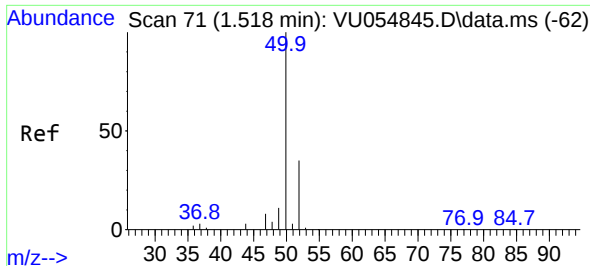


#2
Dichlorodifluoromethane
Concen: 1.004 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 85 Resp: 5336

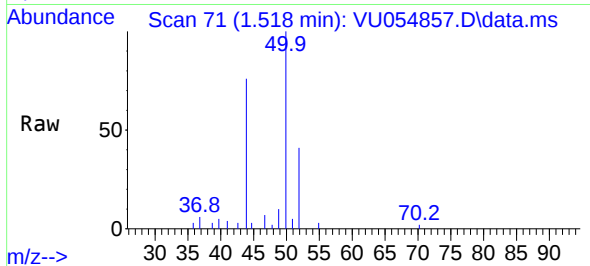
Ion	Ratio	Lower	Upper
85	100		
87	28.7	16.2	48.6





#3
Chloromethane
Concen: 0.971 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

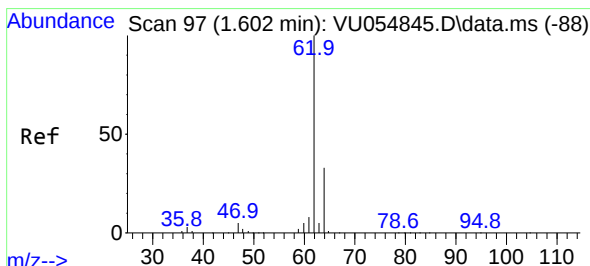
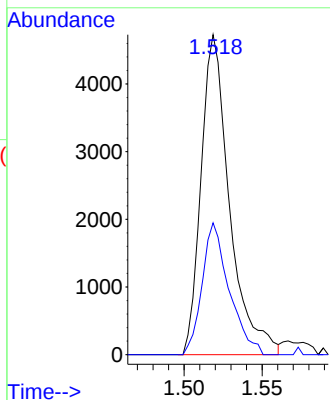
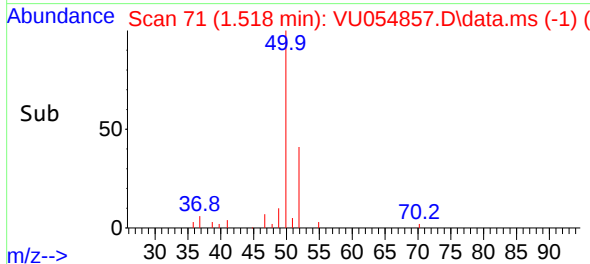
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 50 Resp: 5994
Ion Ratio Lower Upper
50 100
52 41.2 28.2 42.2

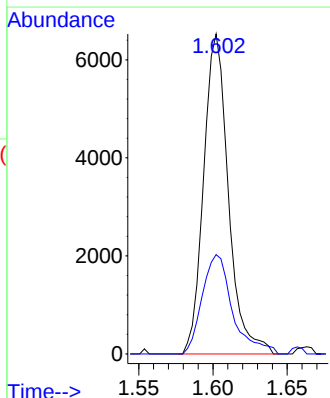
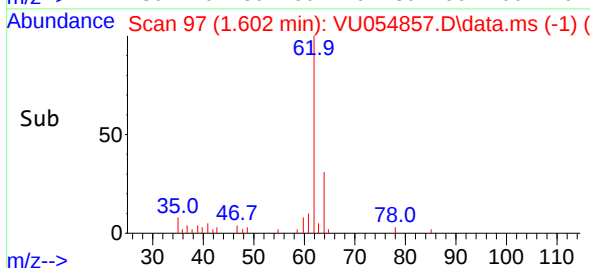
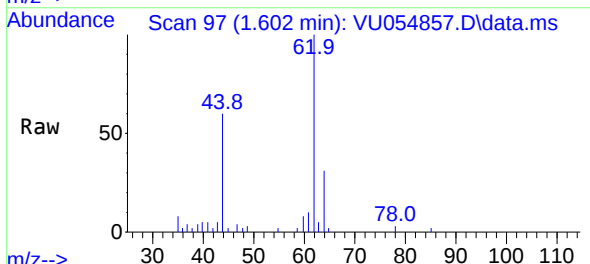
Manual Integrations
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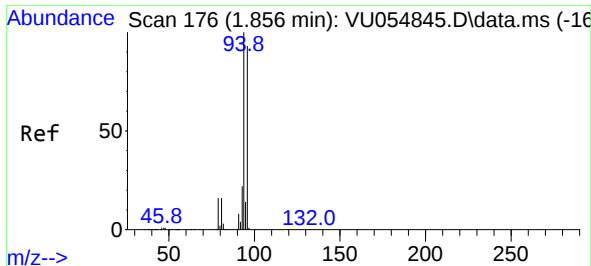
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 0.955 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

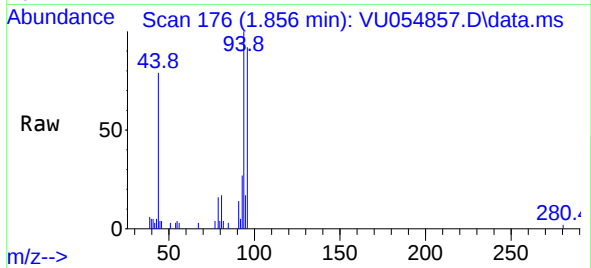
Tgt Ion: 62 Resp: 7570
Ion Ratio Lower Upper
62 100
64 31.1 26.4 39.6





#5
Bromomethane
Concen: 1.039 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

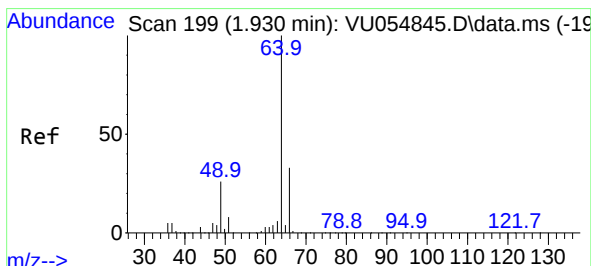
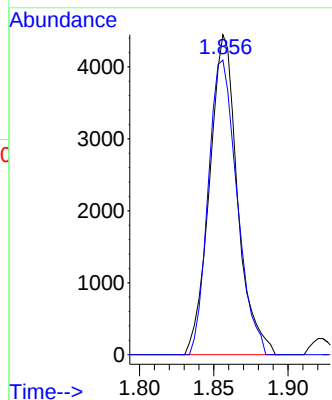
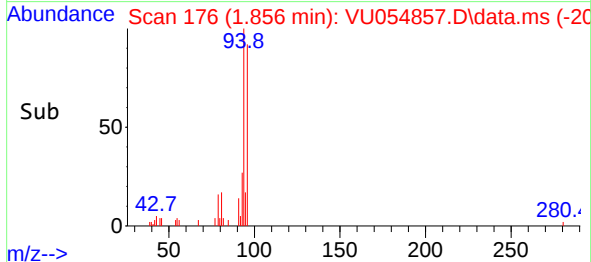
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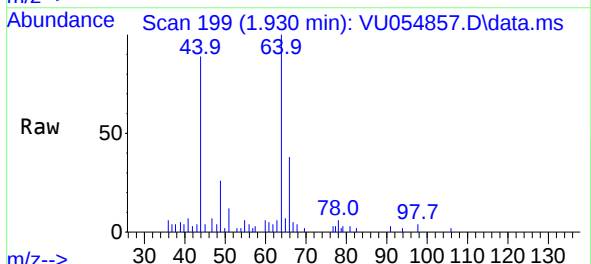
Tgt Ion: 94 Resp: 5844
Ion Ratio Lower Upper
94 100
96 78.9 74.6 111.8

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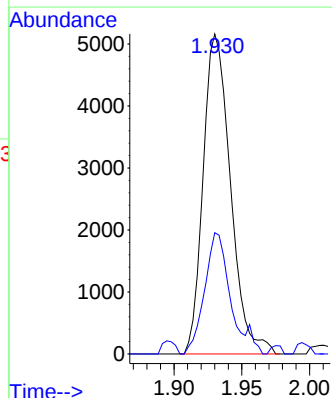
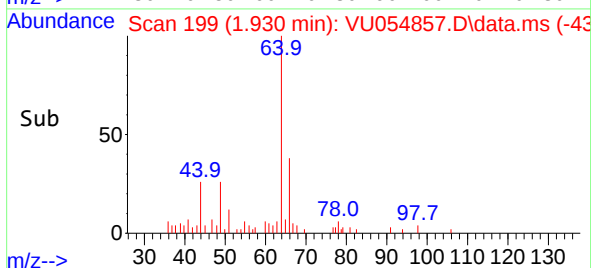
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

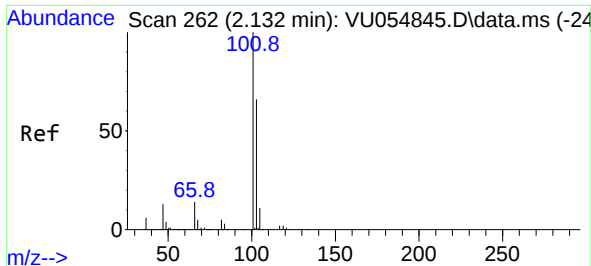


#6
Chloroethane
Concen: 0.966 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



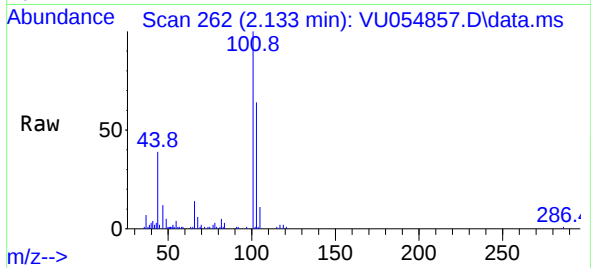
Tgt Ion: 64 Resp: 7239
Ion Ratio Lower Upper
64 100
66 37.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.970 ug/l
RT: 2.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

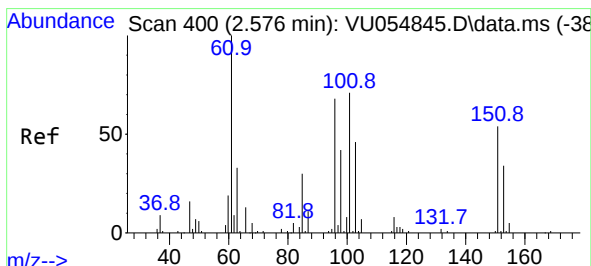
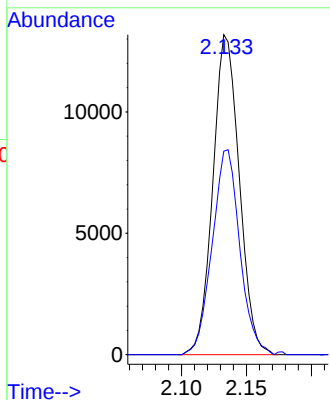
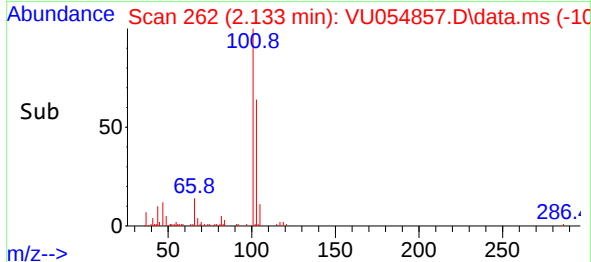
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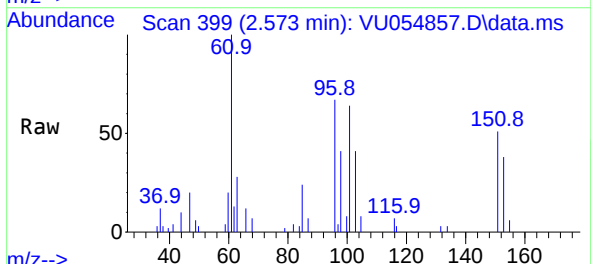
Tgt Ion:101 Resp: 18639
Ion Ratio Lower Upper
101 100
103 63.6 52.9 79.3

Manual Integrations
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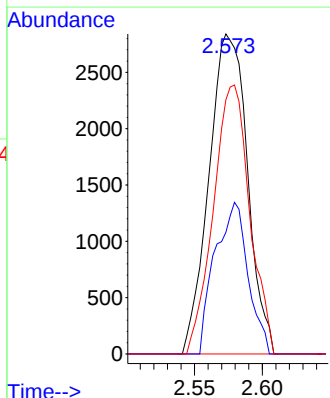
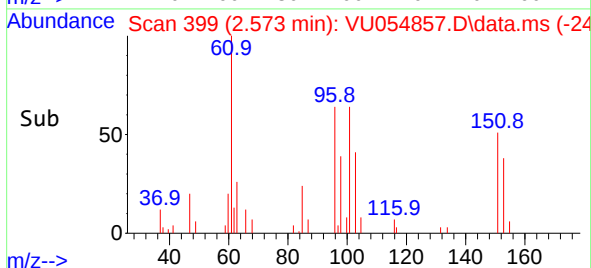
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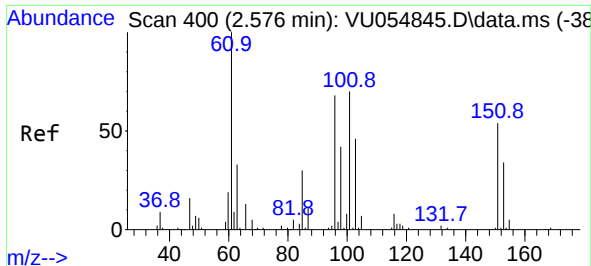


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.019 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion:101 Resp: 5611
Ion Ratio Lower Upper
101 100
85 40.6 34.8 52.2
151 79.3 60.5 90.7





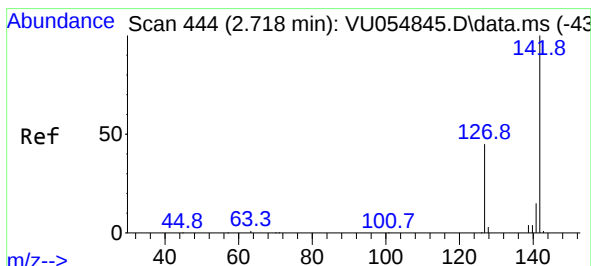
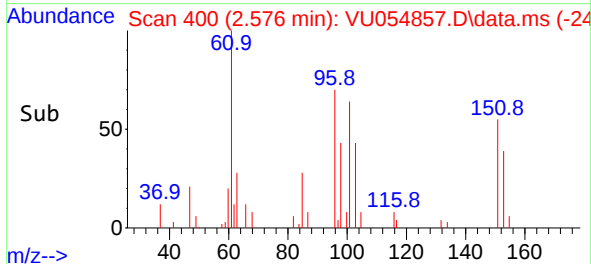
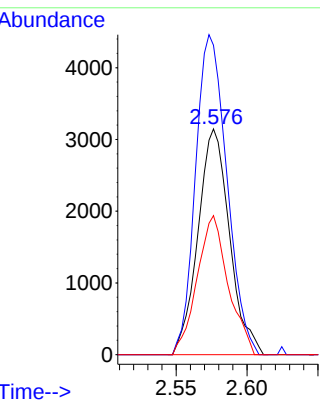
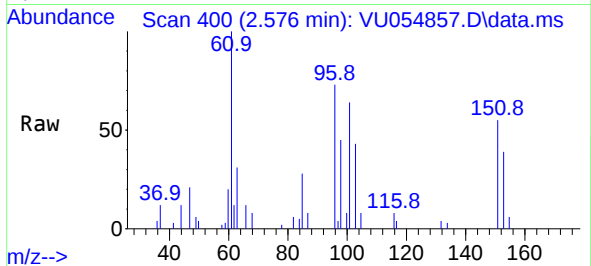
#9
1,1-Dichloroethene
Concen: 1.060 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 96 Resp: 487
Ion Ratio Lower Upper
96 100
61 137.1 0.0 440.1
98 61.6 0.0 121.8

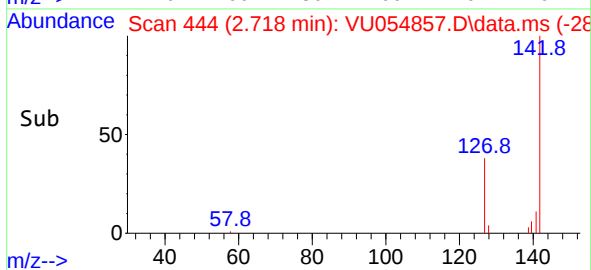
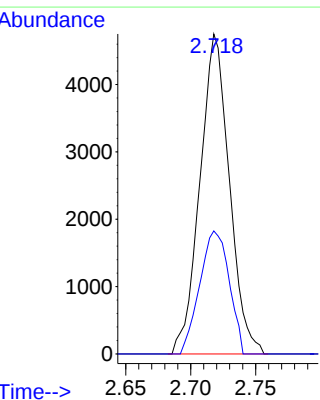
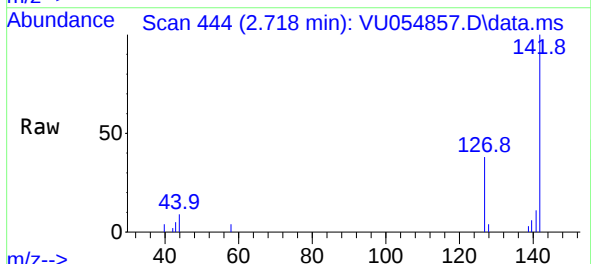
Manual Integrations
APPROVED

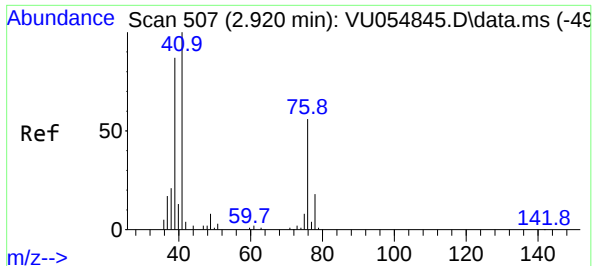
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 1.008 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:142 Resp: 7467
Ion Ratio Lower Upper
142 100
127 38.4 34.3 51.5





#11

Allyl Chloride

Concen: 1.079 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 41 Resp: 581

Ion Ratio Lower Upper

41 100

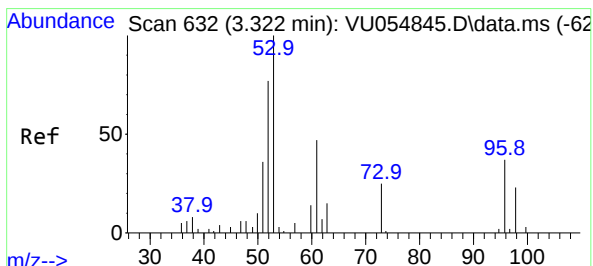
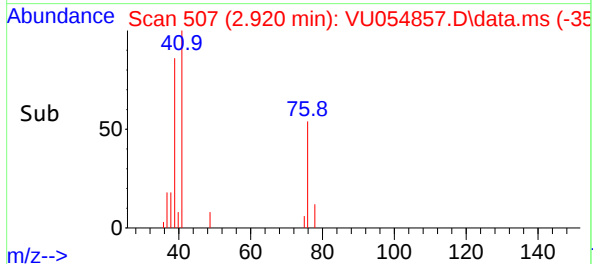
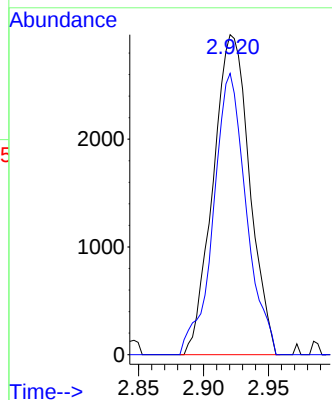
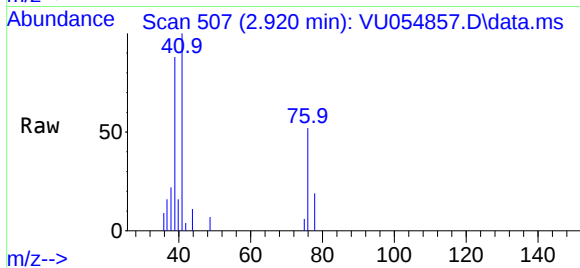
39 78.9 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

Acrylonitrile

Concen: 1.747 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.023 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

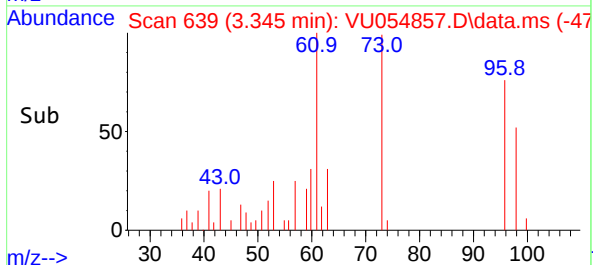
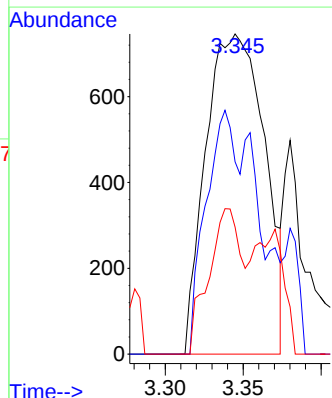
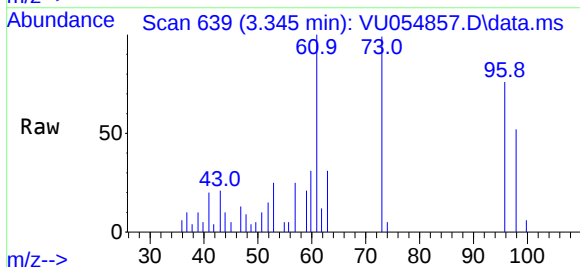
Tgt Ion: 53 Resp: 1954

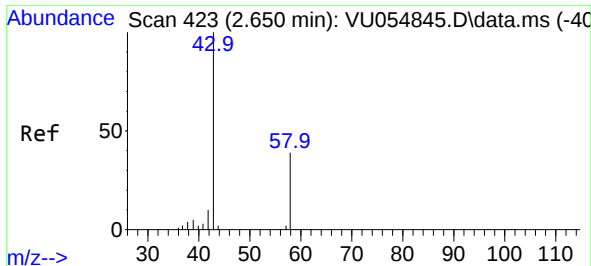
Ion Ratio Lower Upper

53 100

52 41.1 64.2 96.4#

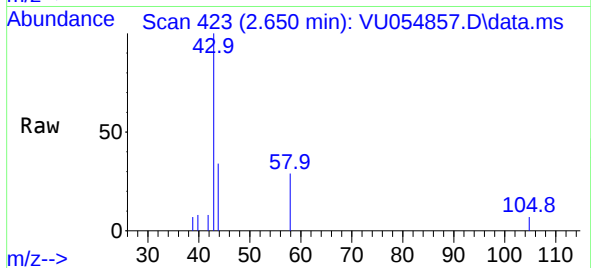
51 25.1 33.6 50.4#





#13
Acetone
Concen: 6.315 ug/l m
RT: 2.650 min Scan# 423
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

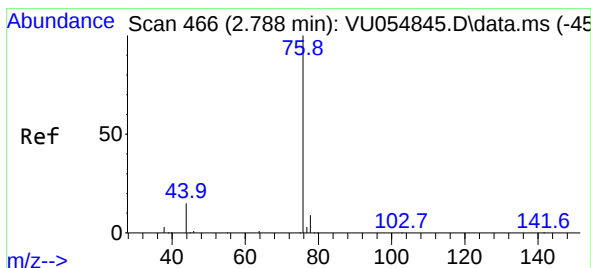
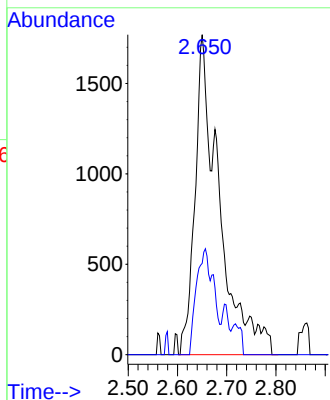
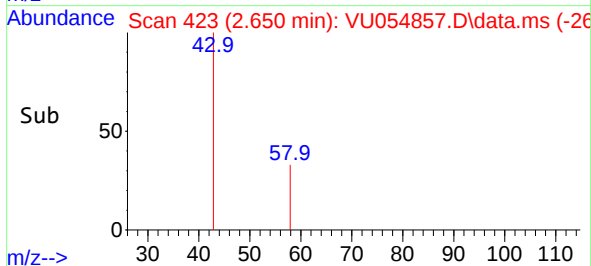
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



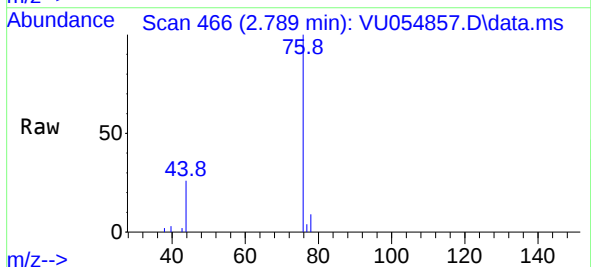
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 28.5 30.7 46.1

Manual Integrations
APPROVED

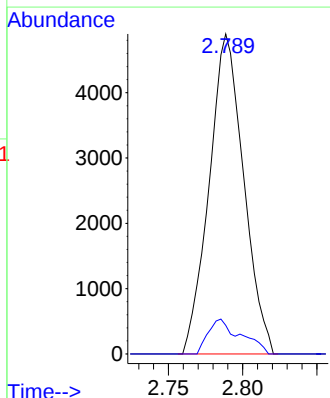
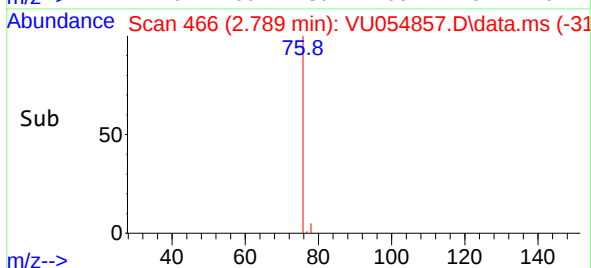
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

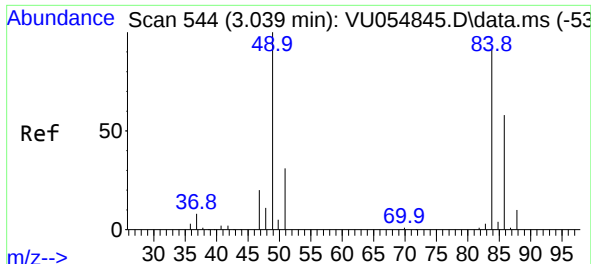


#14
Carbon Disulfide
Concen: 1.020 ug/l
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



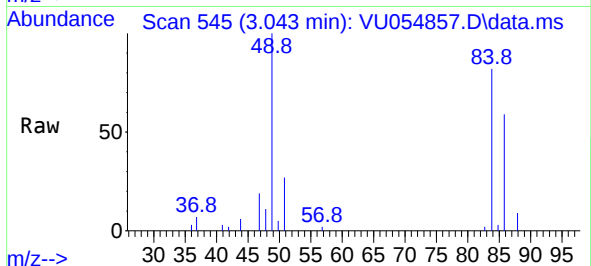
Tgt Ion: 76 Resp: 7901
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 0.984 ug/l
RT: 3.043 min Scan# 544
Delta R.T. 0.004 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

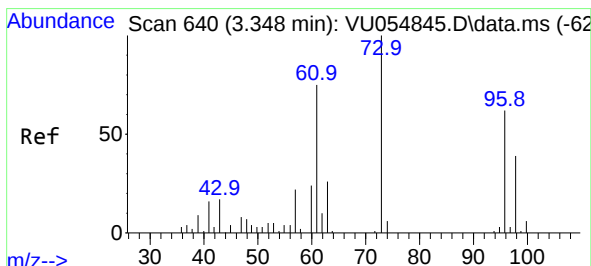
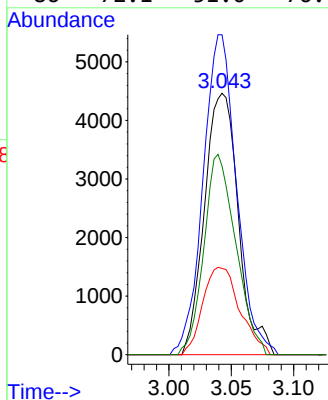
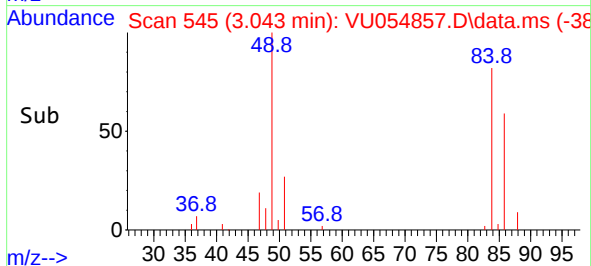


Tgt Ion: 84 Resp: 8434

Ion	Ratio	Lower	Upper
84	100		
49	122.3	87.8	131.6
51	33.0	0.0	68.2
86	72.1	51.0	76.4

Manual Integrations
APPROVED

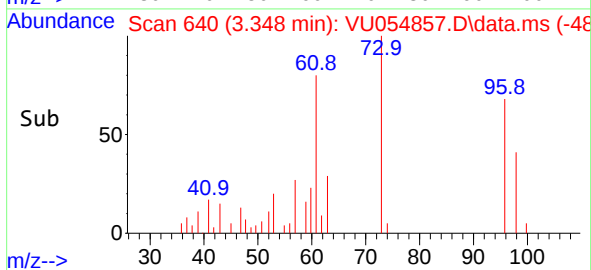
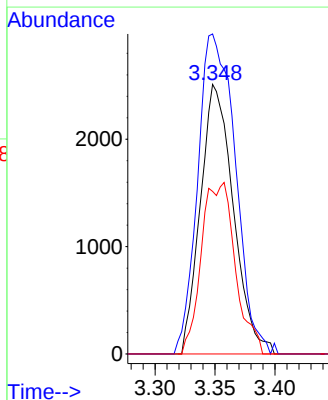
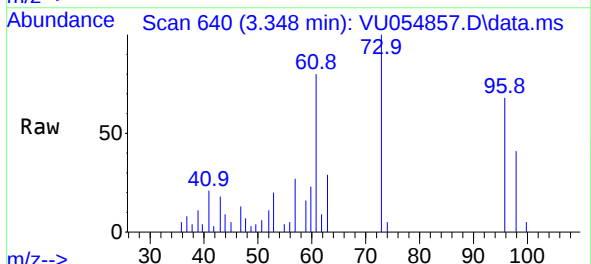
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

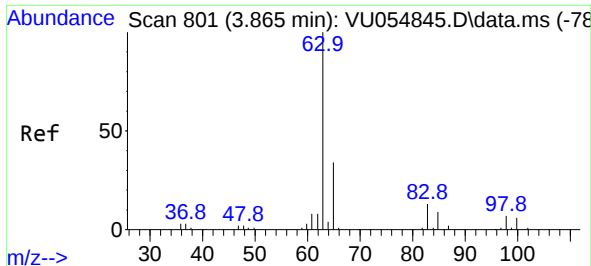


#16
trans-1,2-Dichloroethene
Concen: 0.941 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 96 Resp: 4808

Ion	Ratio	Lower	Upper
96	100		
61	118.7	96.4	144.6
98	60.3	49.3	73.9





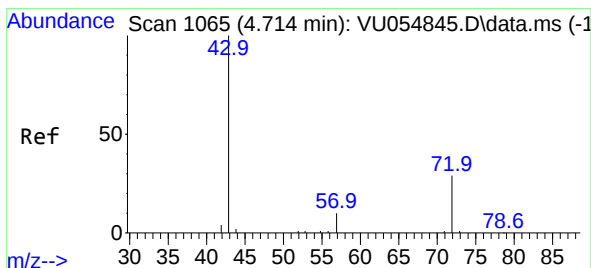
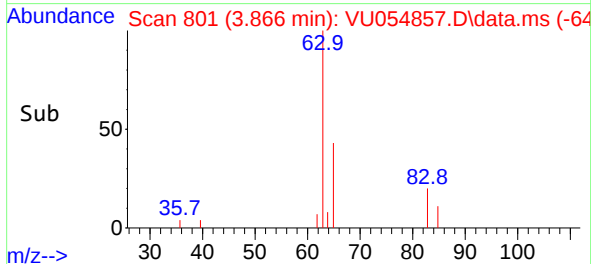
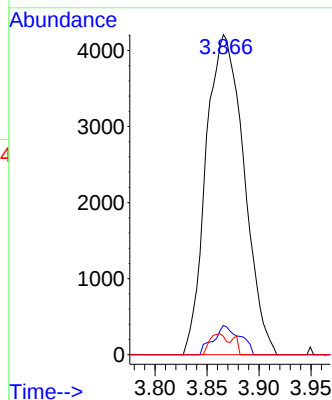
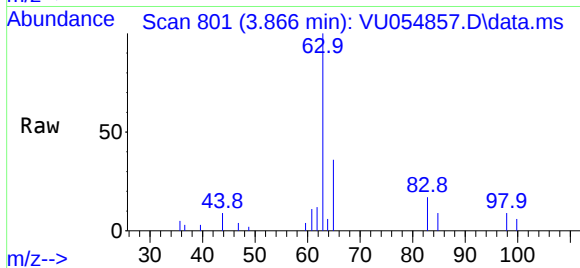
#17
1,1-Dichloroethane
Concen: 0.987 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 63 Resp: 1066
Ion Ratio Lower Upper
63 100
98 9.1 3.6 10.8
100 5.8 2.8 8.4

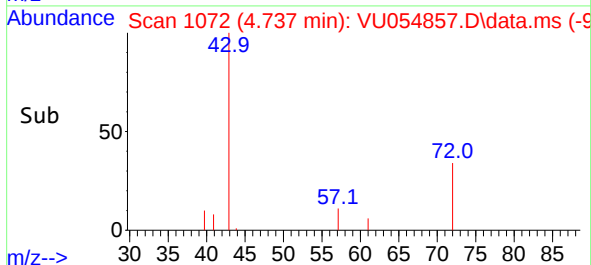
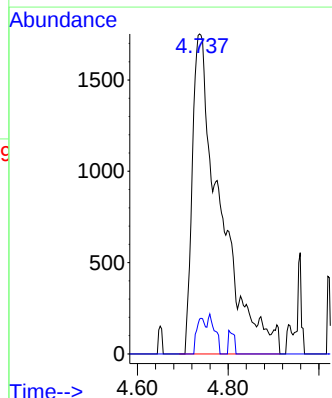
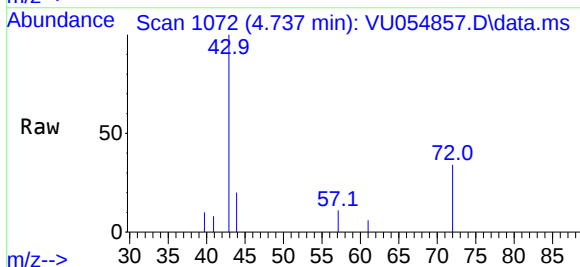
Manual Integrations
APPROVED

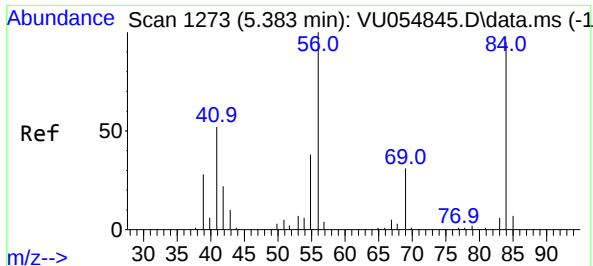
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 5.350 ug/l m
RT: 4.737 min Scan# 1072
Delta R.T. 0.023 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 43 Resp: 7504
Ion Ratio Lower Upper
43 100
57 10.9 0.0 20.8





#19

Cyclohexane

Concen: 1.110 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

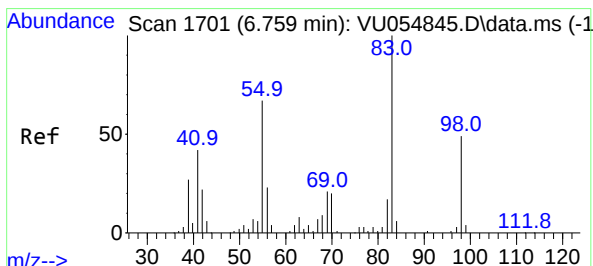
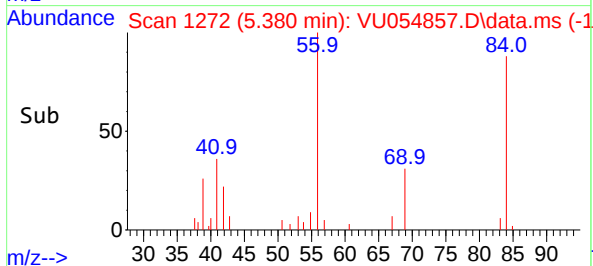
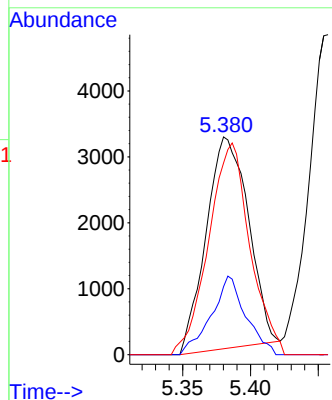
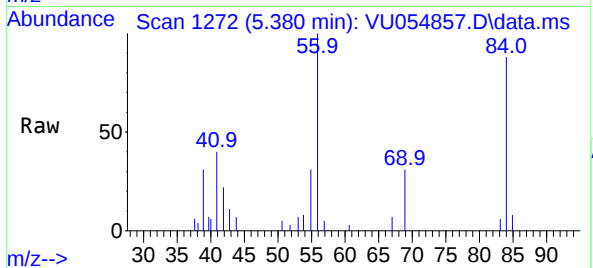
Tgt Ion:	56	Resp:	694
Ion Ratio	Lower	Upper	
56	100		
69	30.4	24.7	37.1
84	97.8	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 0.985 ug/l

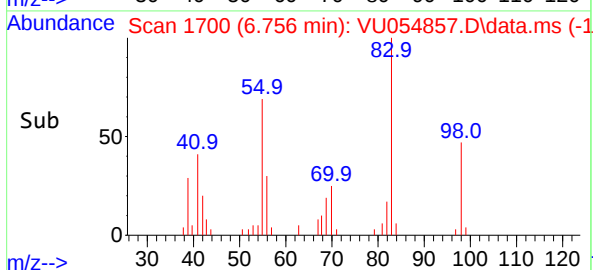
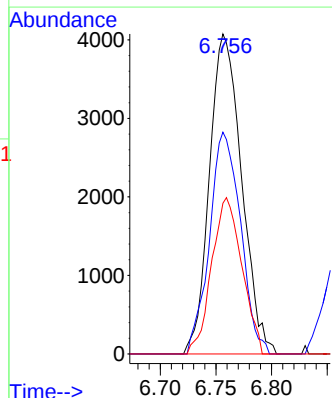
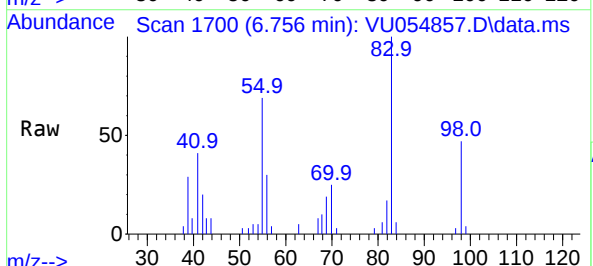
RT: 6.756 min Scan# 1700

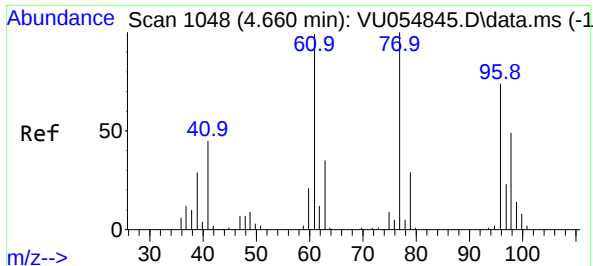
Delta R.T. -0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Tgt Ion:	83	Resp:	8184
Ion Ratio	Lower	Upper	
83	100		
55	67.0	51.6	77.4
98	46.0	38.2	57.2





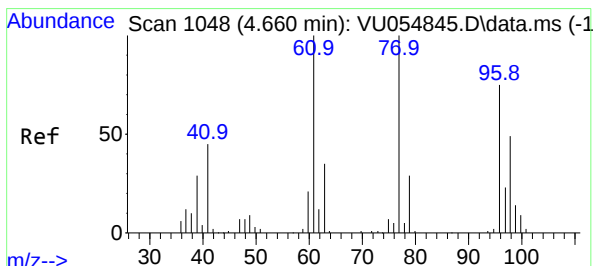
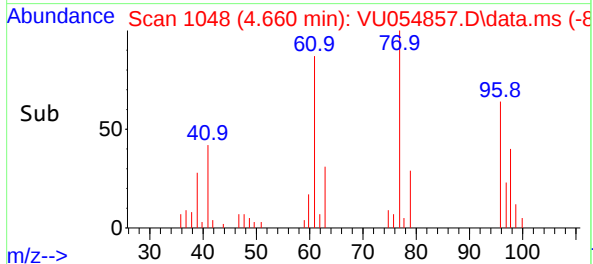
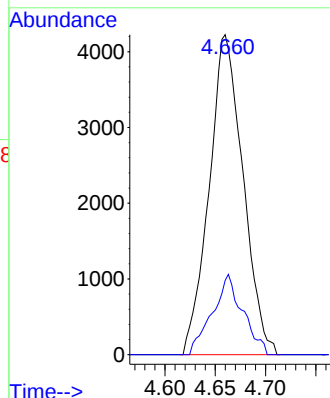
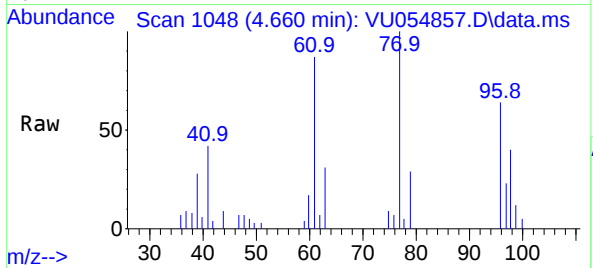
#21
2,2-Dichloropropane
Concen: 1.049 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 77 Resp: 9890
Ion Ratio Lower Upper
77 100
97 22.5 18.0 27.0

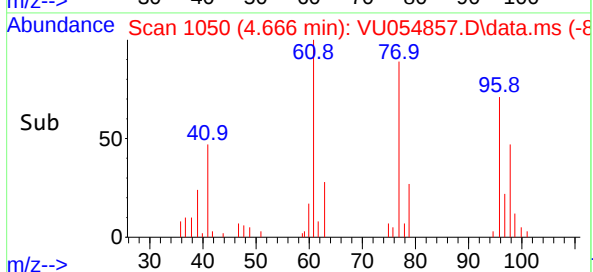
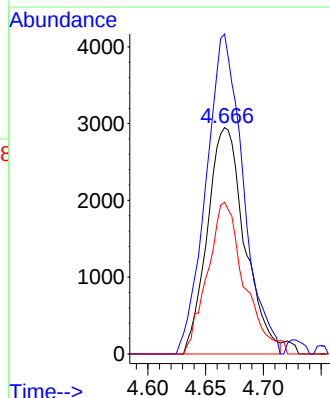
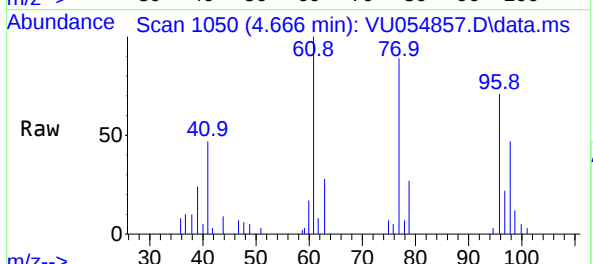
Manual Integrations
APPROVED

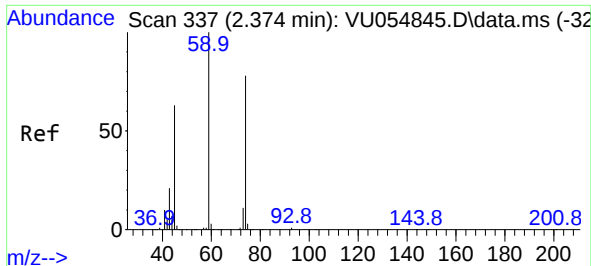
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 1.027 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

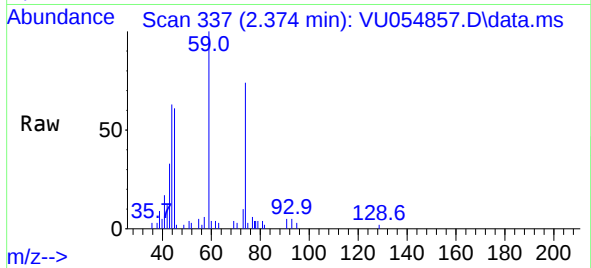
Tgt Ion: 96 Resp: 6640
Ion Ratio Lower Upper
96 100
61 139.9 0.0 332.0
98 66.0 32.5 97.5





#23
Diethyl Ether
Concen: 1.061 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

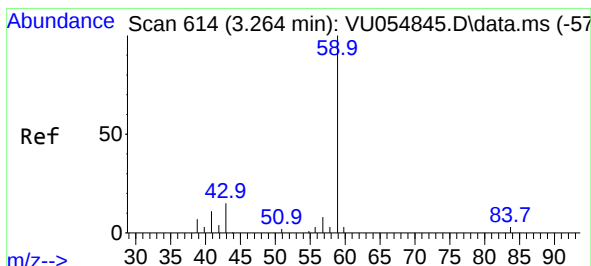
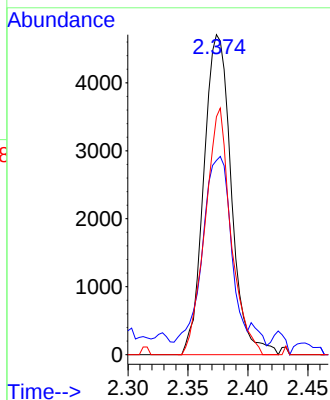
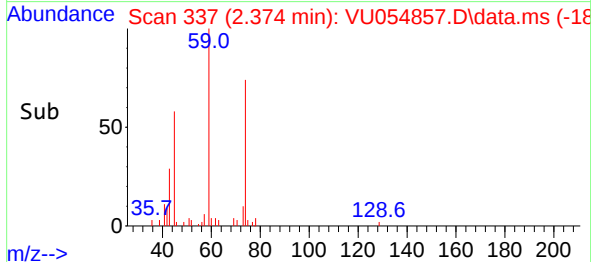
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 59 Resp: 7490
Ion Ratio Lower Upper
59 100
45 58.4 51.4 77.0
74 72.6 63.1 94.7

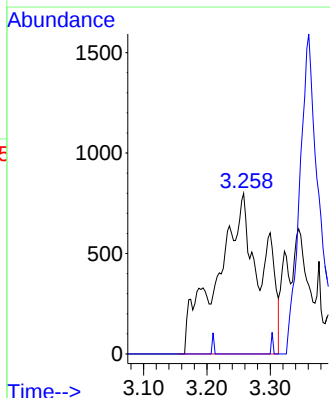
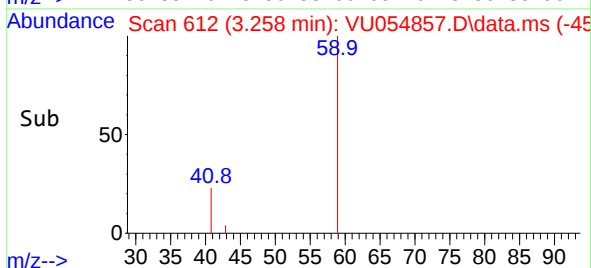
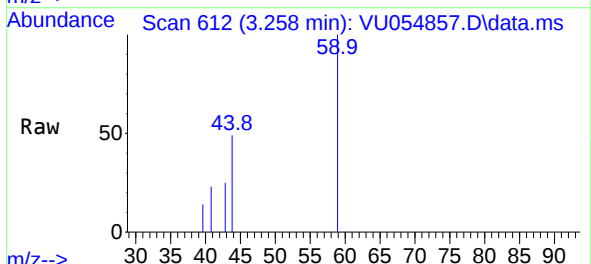
Manual Integrations
APPROVED

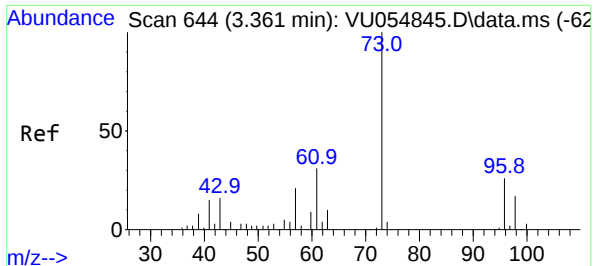
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 6.282 ug/l m
RT: 3.258 min Scan# 612
Delta R.T. -0.006 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

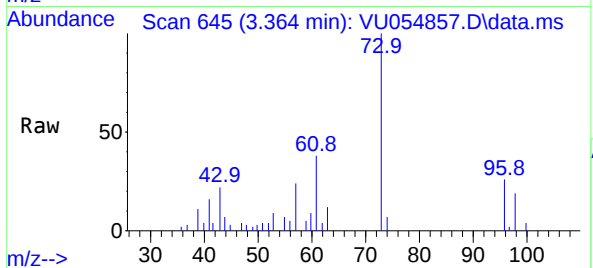
Tgt Ion: 59 Resp: 3822
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 1.017 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

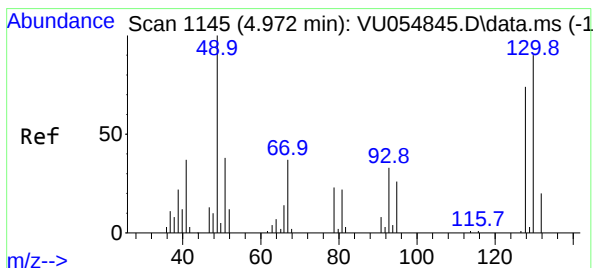
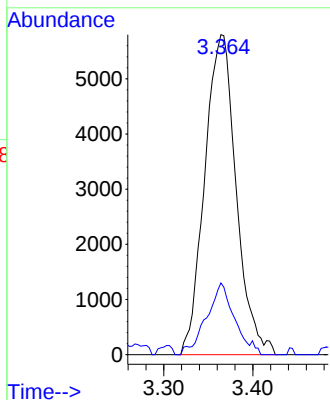
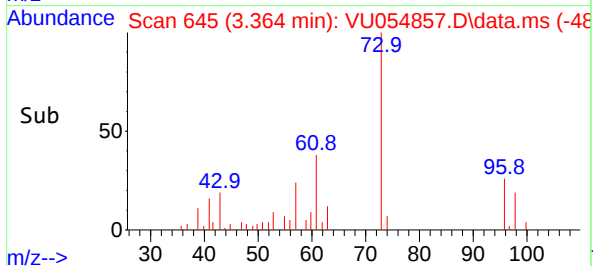
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 73 Resp: 1426
Ion Ratio Lower Upper
73 100
43 19.9 14.6 22.0

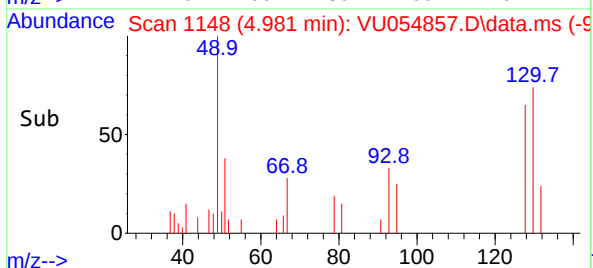
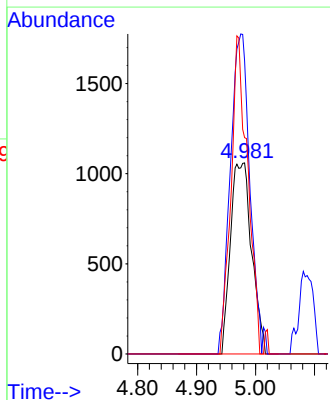
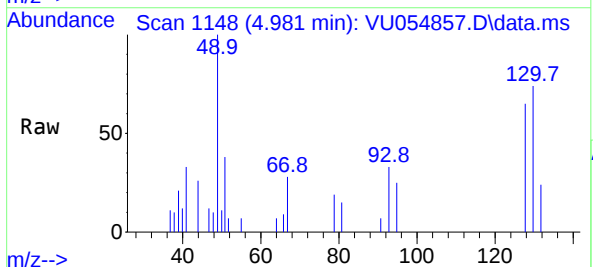
Manual Integrations
APPROVED

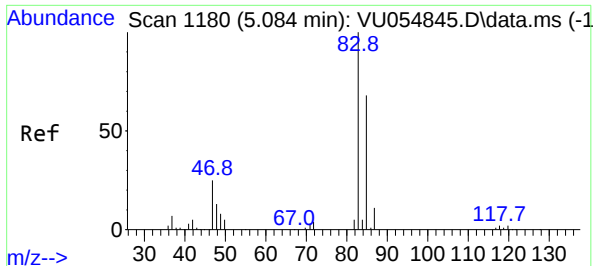
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 1.071 ug/l m
RT: 4.981 min Scan# 1148
Delta R.T. 0.010 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

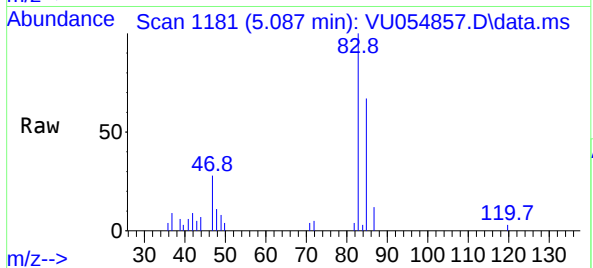
Tgt Ion:128 Resp: 2641
Ion Ratio Lower Upper
128 100
49 153.4 0.0 304.0
130 131.6 104.3 156.5





#27
Chloroform
Concen: 1.025 ug/l
RT: 5.087 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

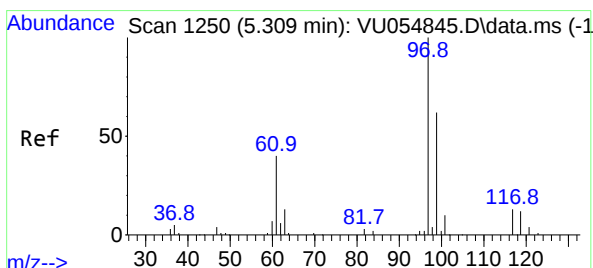
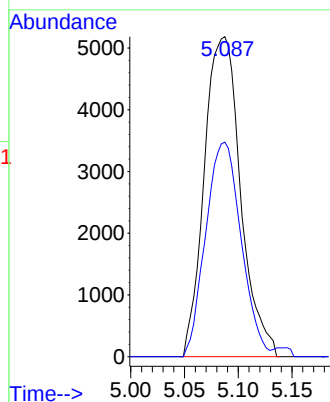
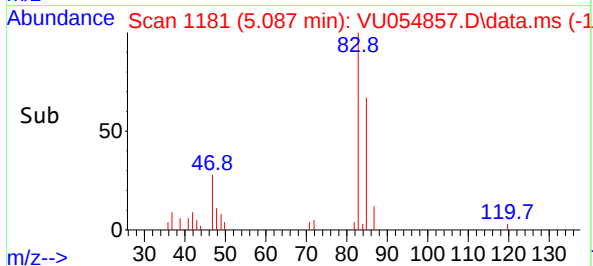
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



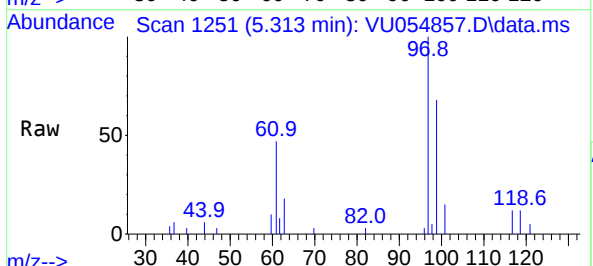
Tgt Ion: 83 Resp: 12174
Ion Ratio Lower Upper
83 100
85 67.0 0.0 135.2

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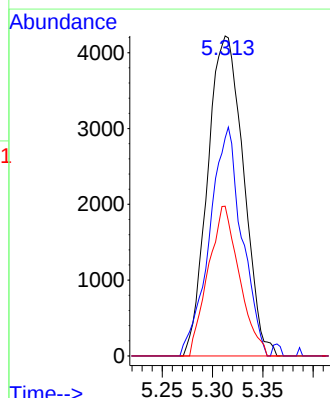
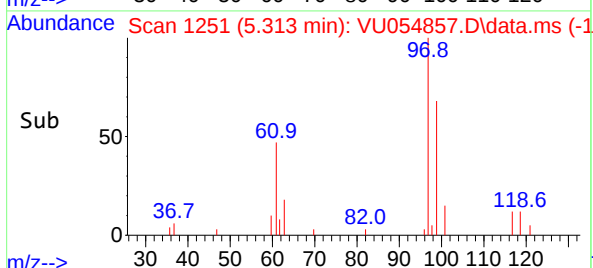
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

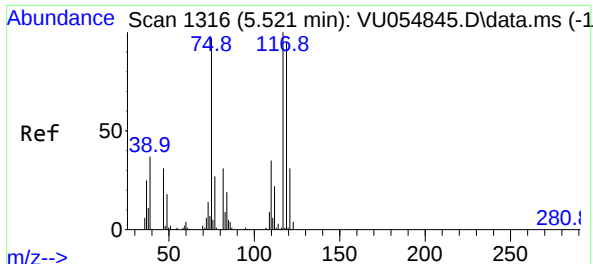


#28
1,1,1-Trichloroethane
Concen: 1.045 ug/l
RT: 5.313 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



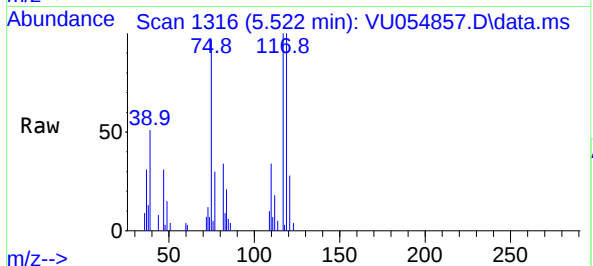
Tgt Ion: 97 Resp: 10434
Ion Ratio Lower Upper
97 100
99 64.9 32.0 96.2
61 40.8 21.0 63.0





#29
1,1-Dichloropropene
Concen: 0.997 ug/l
RT: 5.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

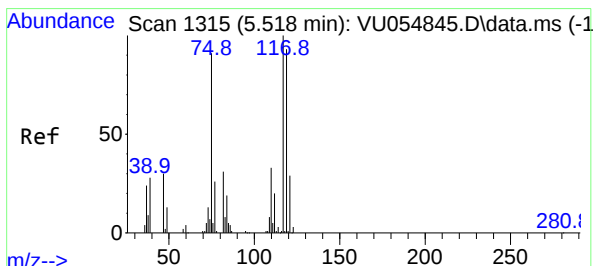
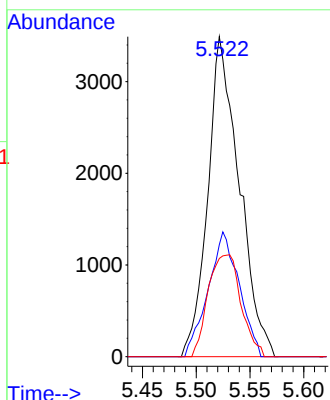
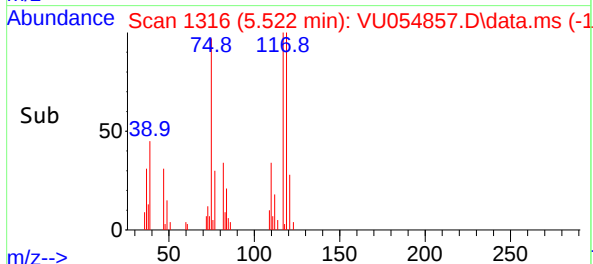


Tgt Ion: 75 Resp: 707

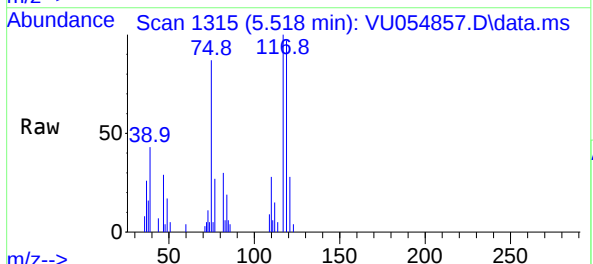
Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.5	55.5
77	33.3	24.9	37.3

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

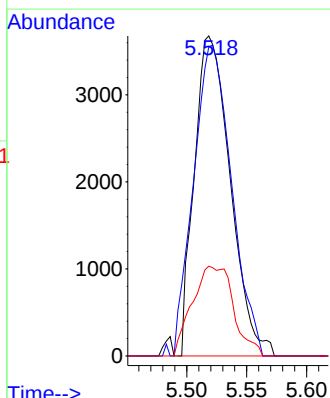
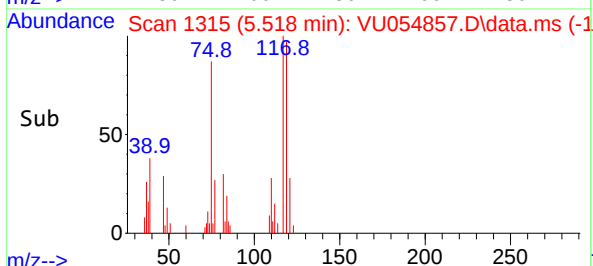


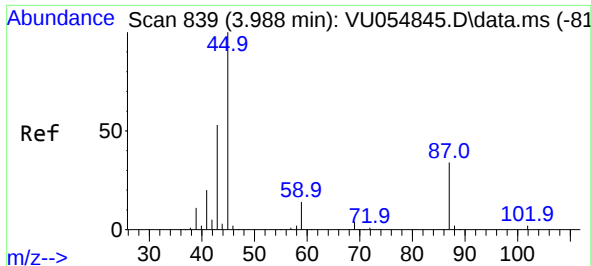
#30
Carbon Tetrachloride
Concen: 0.923 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion: 117 Resp: 7658

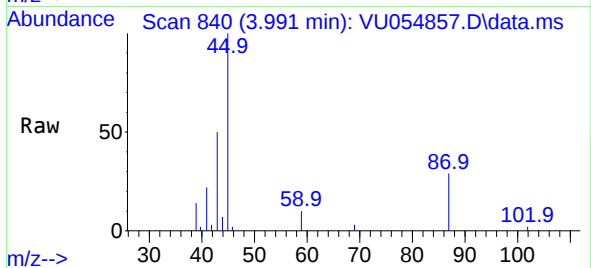
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.6	113.4
121	28.1	23.4	35.0





#31
Isopropyl Ether
Concen: 1.040 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

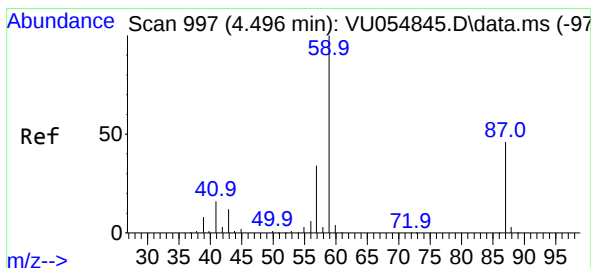
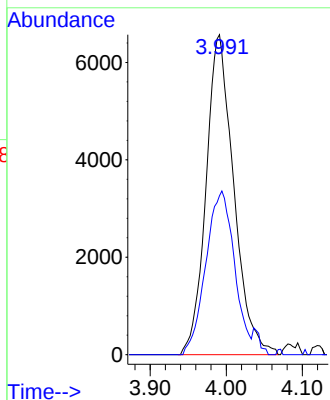
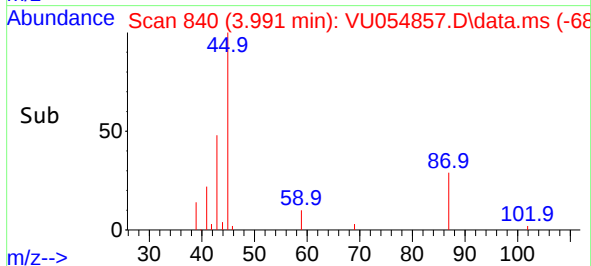
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



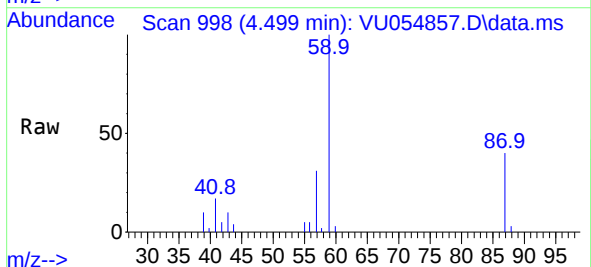
Tgt Ion: 45 Resp: 1663
Ion Ratio Lower Upper
45 100
43 52.7 26.4 79.2

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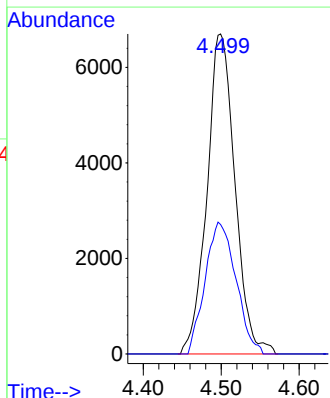
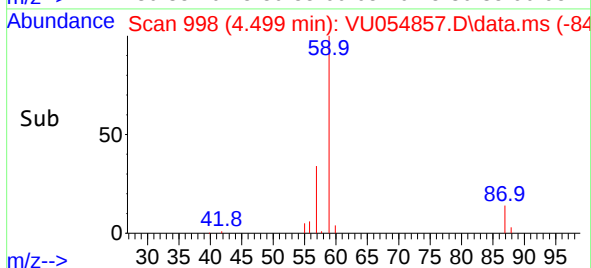
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

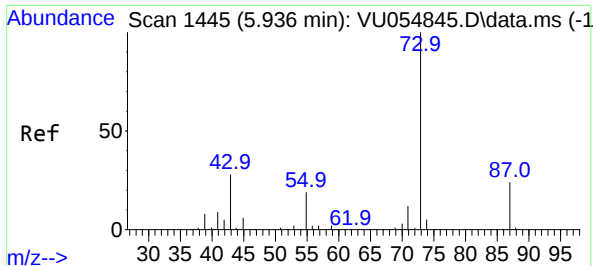


#32
Ethyl-t-butyl ether
Concen: 1.018 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



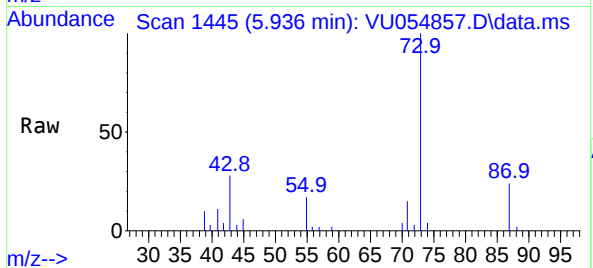
Tgt Ion: 59 Resp: 16725
Ion Ratio Lower Upper
59 100
87 45.3 35.7 53.5





Tert-Amyl methyl ether
Concen: 1.014 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

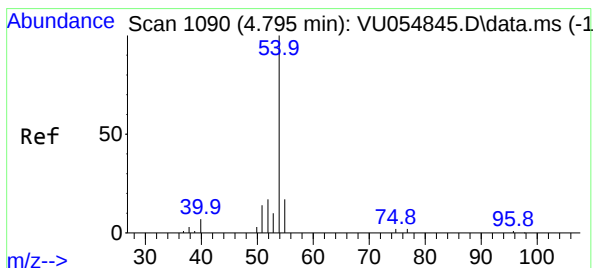
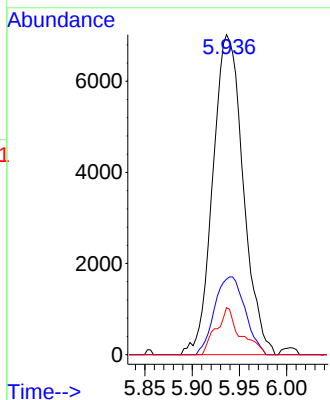
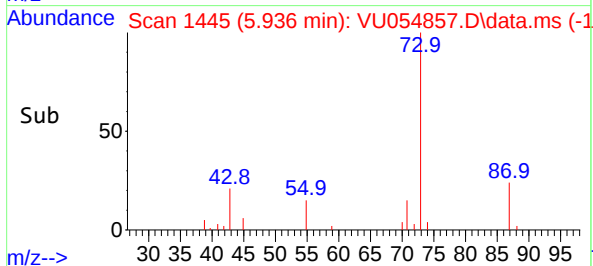
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 73 Resp: 1568
Ion Ratio Lower Upper
73 100
87 24.4 19.6 29.4
71 11.7 9.1 13.7

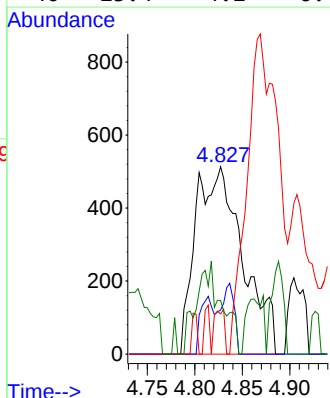
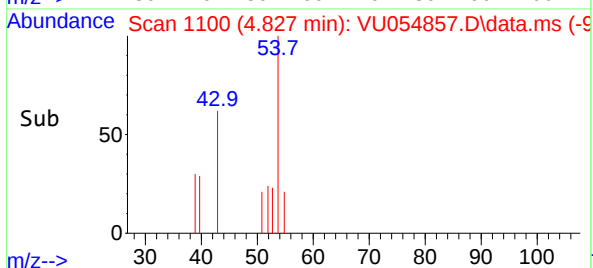
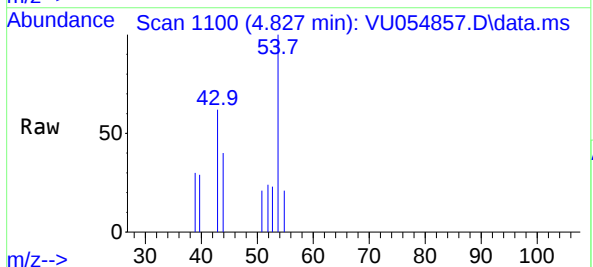
Manual Integrations
APPROVED

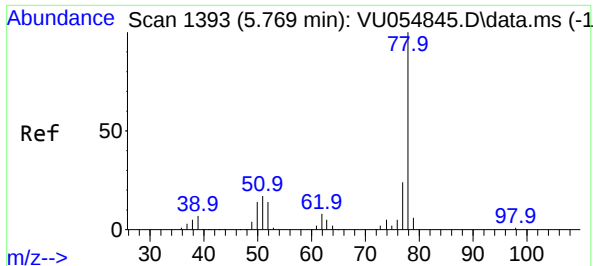
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



Propionitrile
Concen: 4.228 ug/l m
RT: 4.827 min Scan# 1100
Delta R.T. 0.032 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 54 Resp: 1774
Ion Ratio Lower Upper
54 100
52 8.5 13.8 20.8#
55 0.0 4.8 7.2#
40 23.4 4.2 6.4#





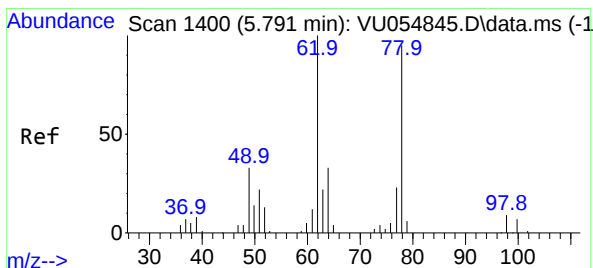
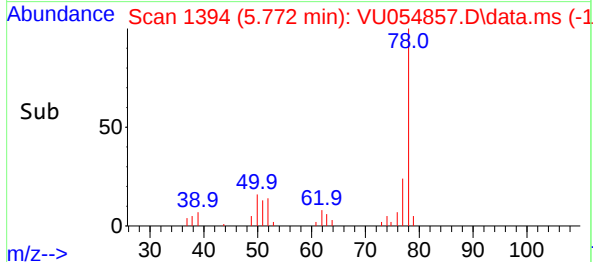
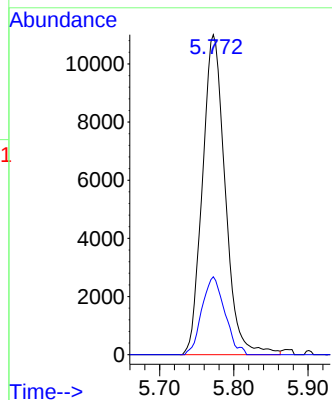
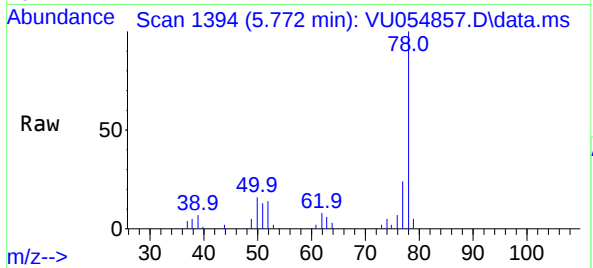
#35
Benzene
Concen: 1.015 ug/l
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 78 Resp: 23428
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

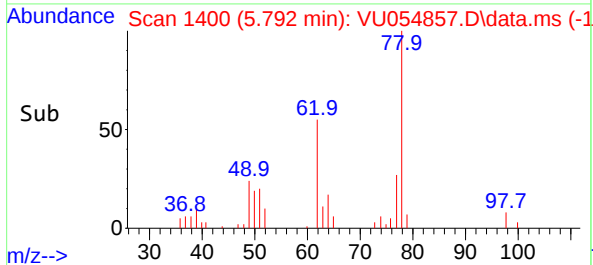
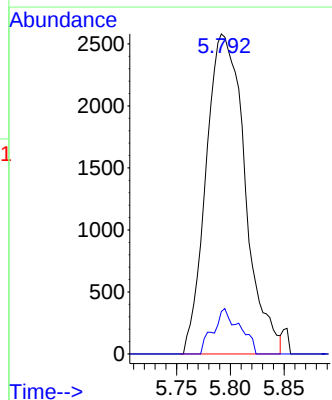
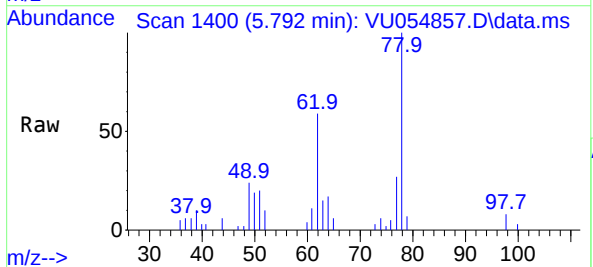
Manual Integrations
APPROVED

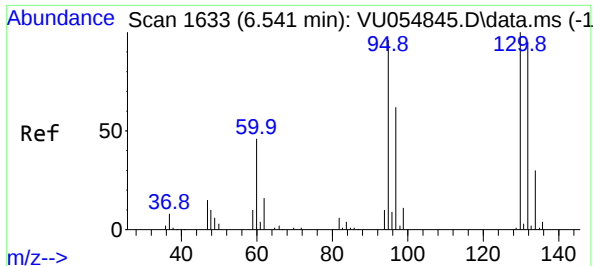
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 0.978 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

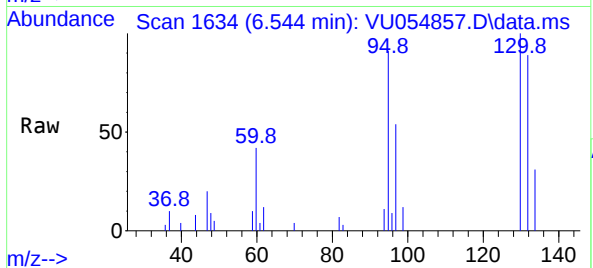
Tgt Ion: 62 Resp: 6485
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#37
Trichloroethene
Concen: 1.021 ug/l
RT: 6.544 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

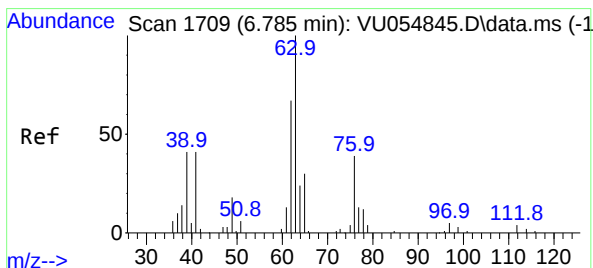
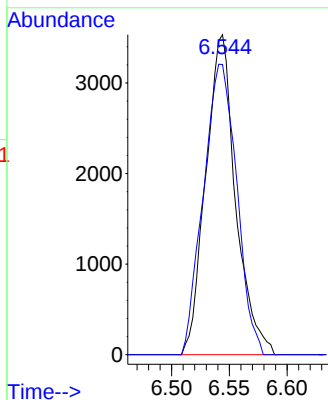
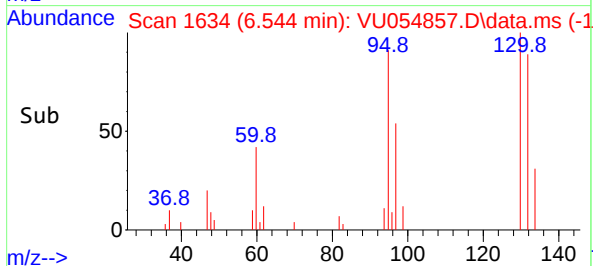
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



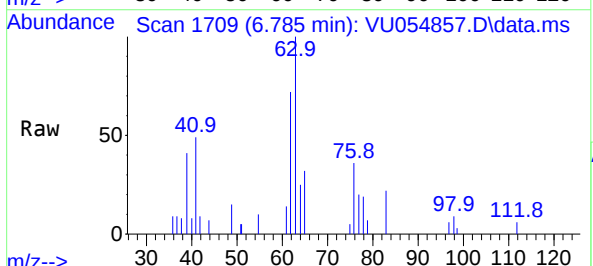
Tgt Ion:130 Resp: 636
Ion Ratio Lower Upper
130 100
95 90.7 76.8 115.2

Manual Integrations
APPROVED

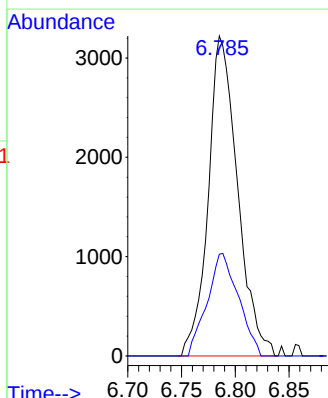
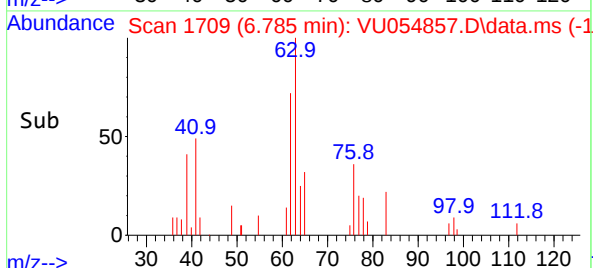
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

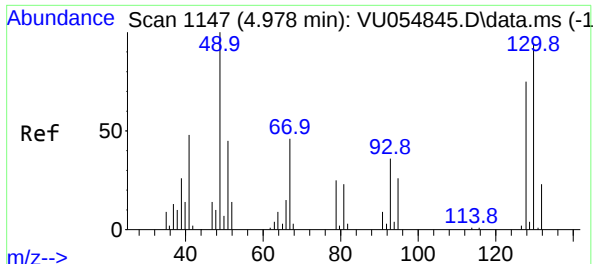


#38
1,2-Dichloropropane
Concen: 0.918 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion: 63 Resp: 6113
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5





Methacrylonitrile

Concen: 1.129 ug/l m

RT: 5.001 min Scan# 1113

Delta R.T. 0.023 min

Lab File: VU054857.D

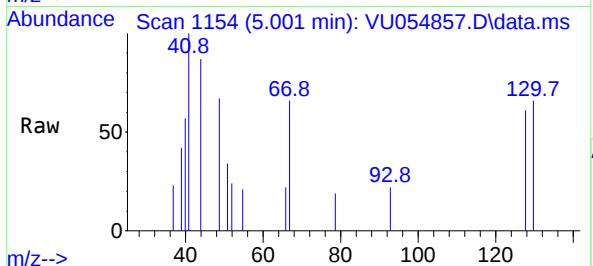
Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion: 41 Resp: 1680

Ion Ratio Lower Upper

41 100

67 90.2 77.0 115.4

39 46.1 50.4 75.6

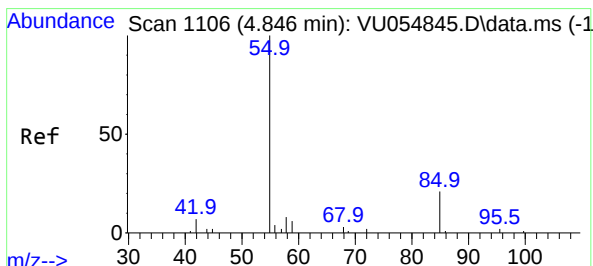
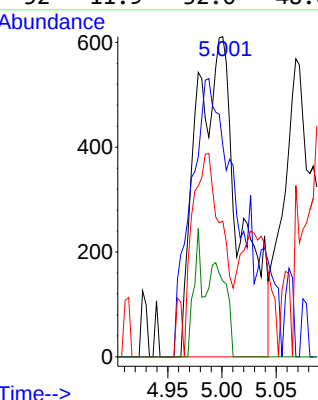
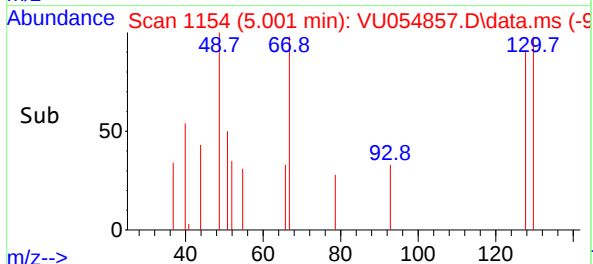
52 11.9 32.0 48.0

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



Methyl acrylate

Concen: 0.783 ug/l

RT: 4.869 min Scan# 1113

Delta R.T. 0.023 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Tgt Ion: 55 Resp: 1996

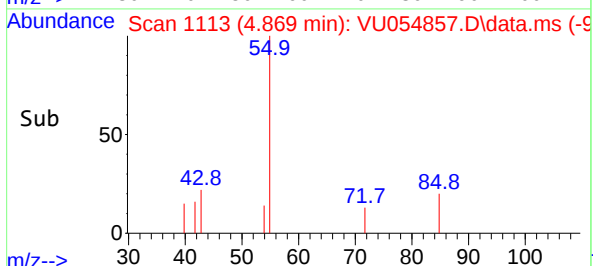
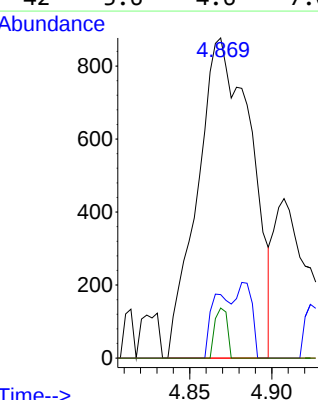
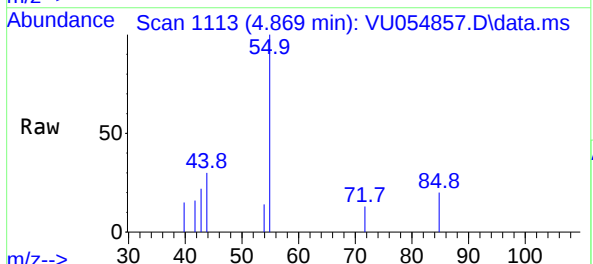
Ion Ratio Lower Upper

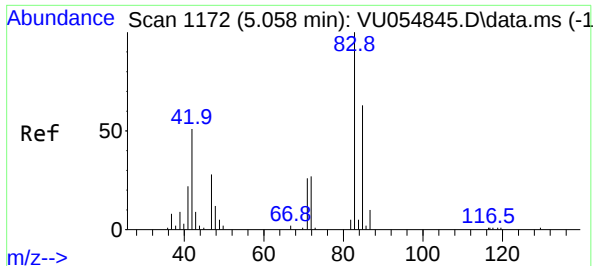
55 100

85 0.0 13.0 19.6#

58 0.0 5.7 8.5#

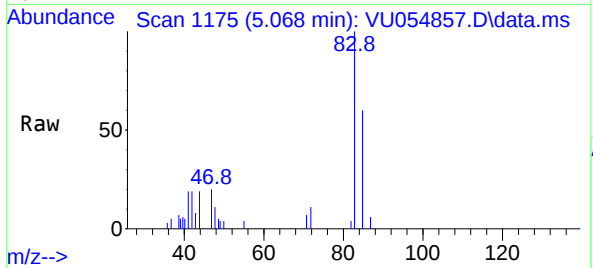
42 3.6 4.6 7.0#





#41
Tetrahydrofuran
Concen: 1.840 ug/l
RT: 5.068 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

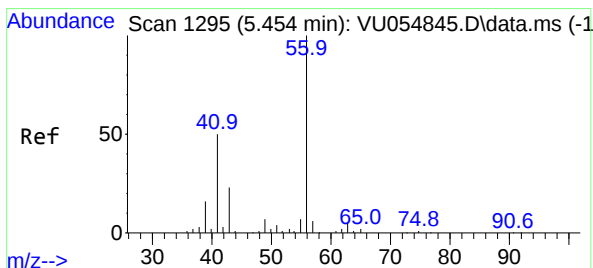
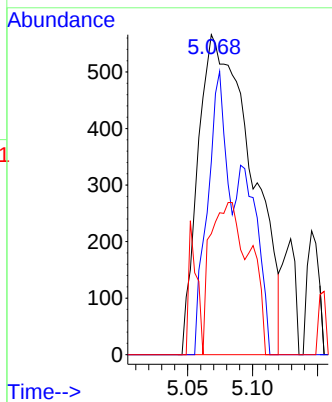
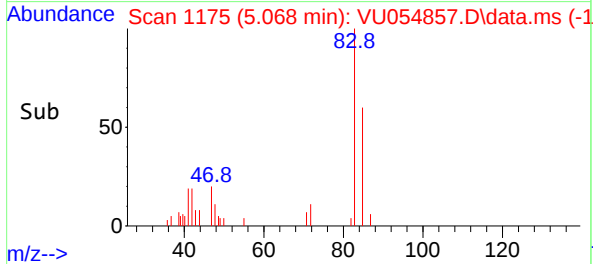
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 42 Resp: 1624
Ion Ratio Lower Upper
42 100
72 33.8 42.1 63.1
71 27.0 39.7 59.5

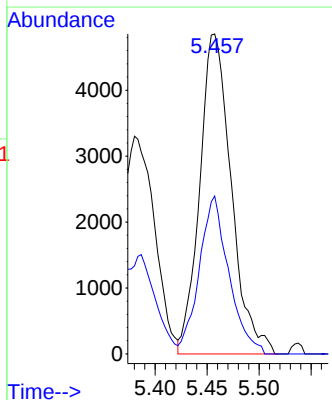
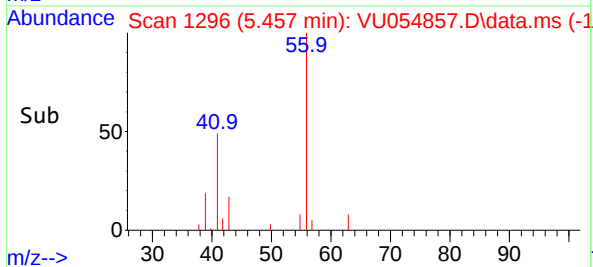
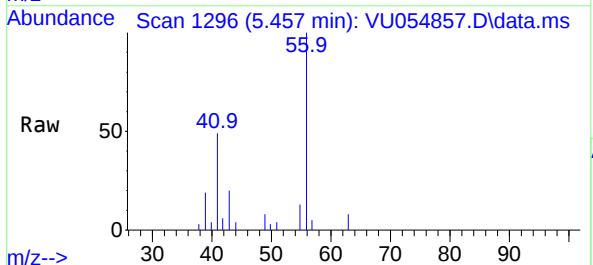
Manual Integrations
APPROVED

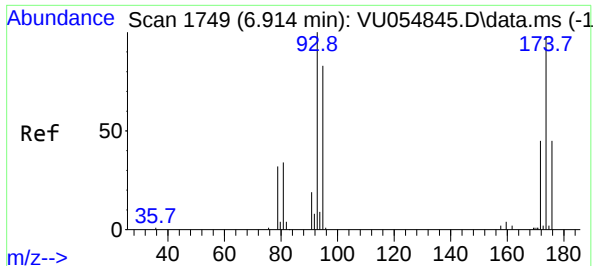
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 1.068 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

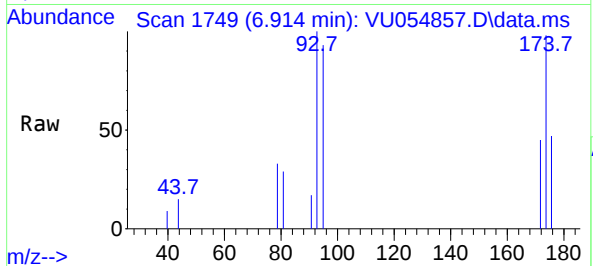
Tgt Ion: 56 Resp: 10255
Ion Ratio Lower Upper
56 100
41 46.2 23.9 71.7





#43
Dibromomethane
Concen: 0.905 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

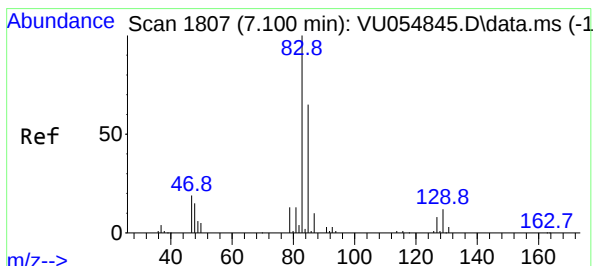
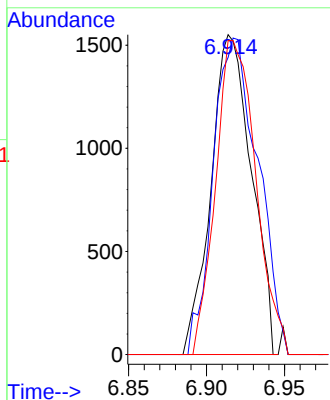
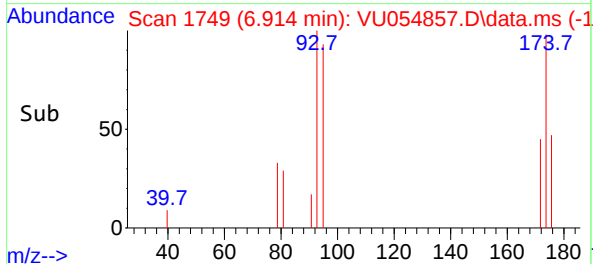
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



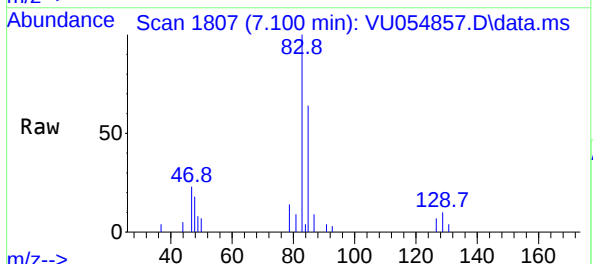
Tgt Ion: 93 Resp: 280
Ion Ratio Lower Upper
93 100
95 109.3 64.7 97.1
174 97.6 74.4 111.6

Manual Integrations
APPROVED

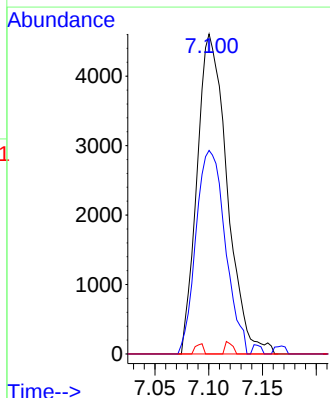
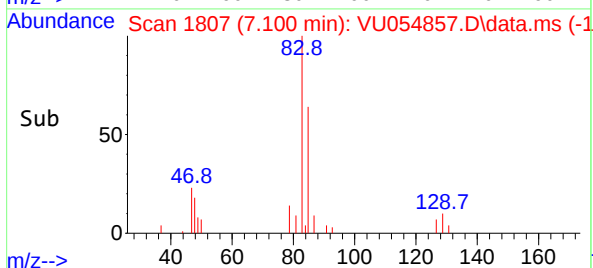
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

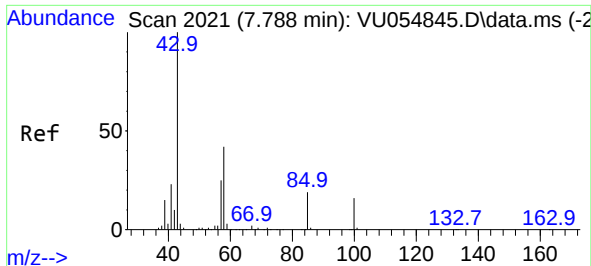


#44
Bromodichloromethane
Concen: 1.056 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



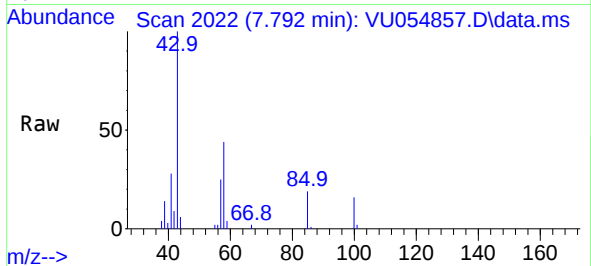
Tgt Ion: 83 Resp: 8961
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 0.0 6.1 9.1





#45
4-Methyl-2-Pentanone
Concen: 4.755 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

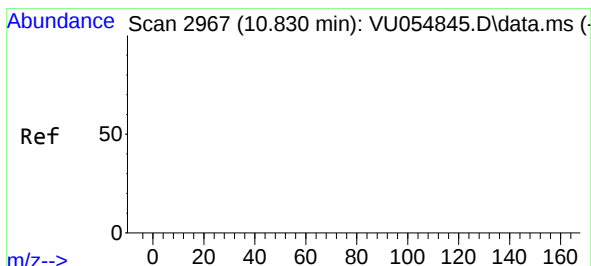
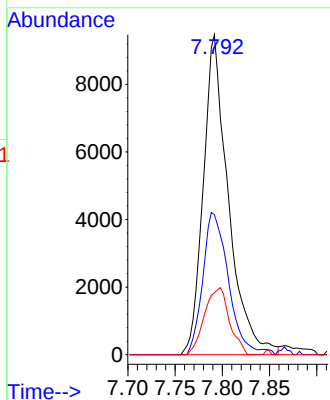
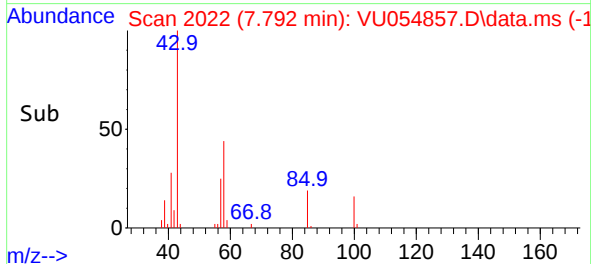
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 43 Resp: 17434
Ion Ratio Lower Upper
43 100
58 44.9 21.3 63.7
85 20.8 15.3 22.9

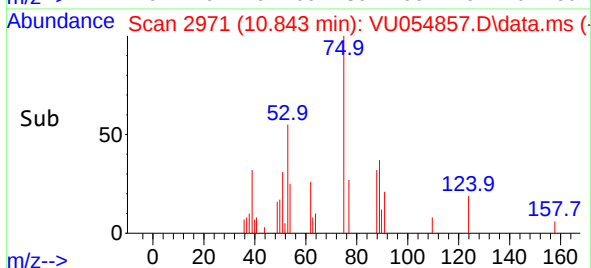
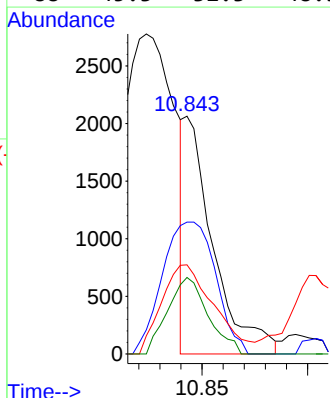
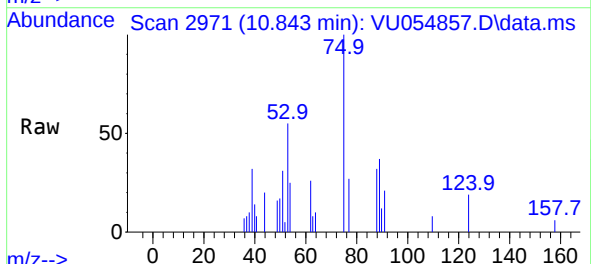
Manual Integrations
APPROVED

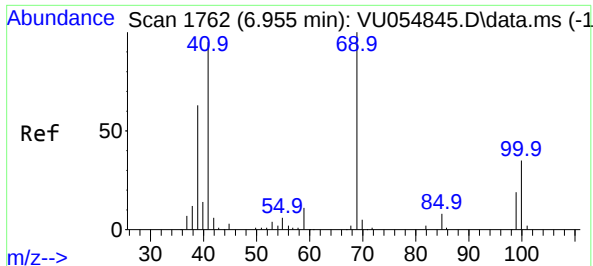
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 1.272 ug/l m
RT: 10.843 min Scan# 2971
Delta R.T. 0.013 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

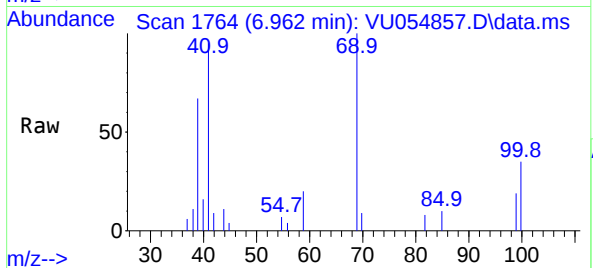
Tgt Ion: 75 Resp: 1952
Ion Ratio Lower Upper
75 100
53 103.0 62.9 94.3#
89 68.7 47.8 71.8
88 45.3 32.3 48.5





#47
Methyl methacrylate
Concen: 1.797 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

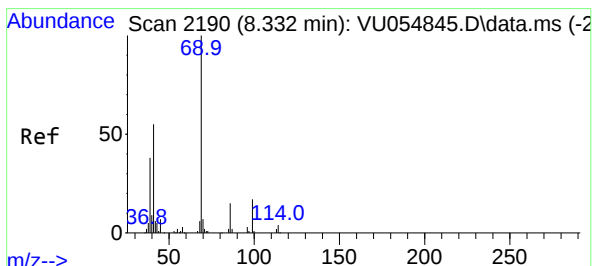
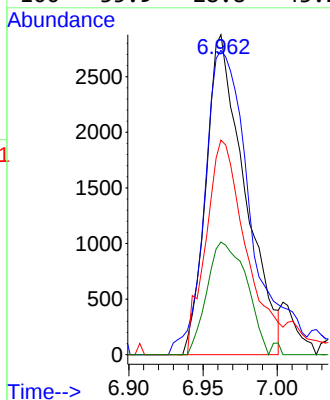
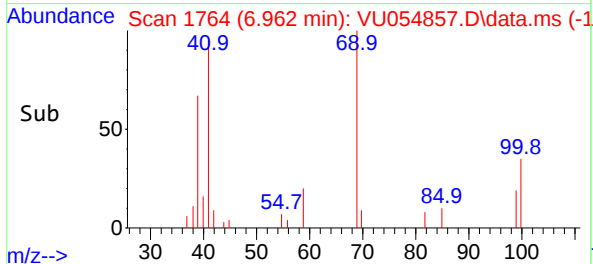
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 69 Resp: 5229
Ion Ratio Lower Upper
69 100
41 112.4 0.0 193.0
39 69.9 50.4 75.6
100 35.9 28.8 43.2

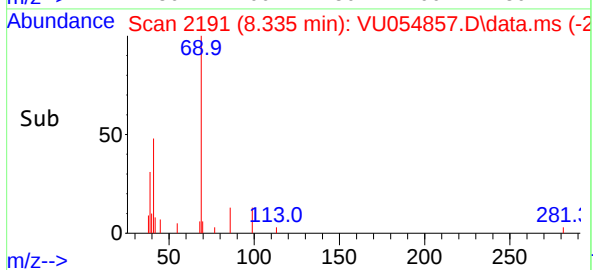
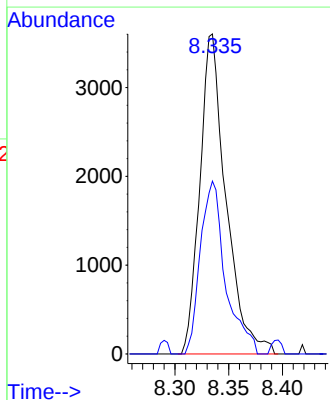
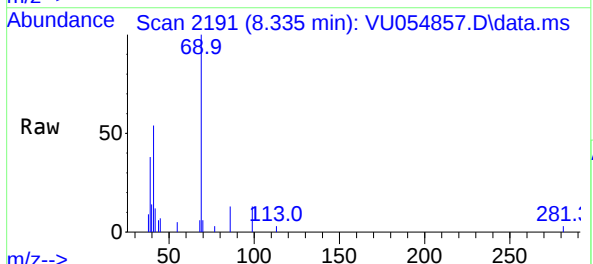
Manual Integrations
APPROVED

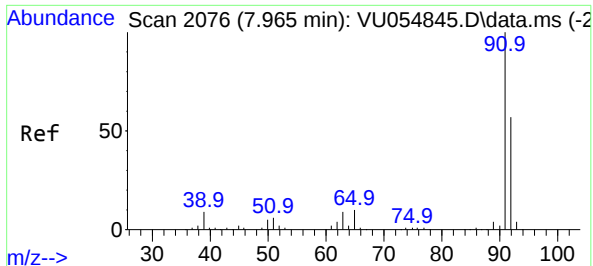
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Ethyl methacrylate
Concen: 1.030 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion: 69 Resp: 6091
Ion Ratio Lower Upper
69 100
41 51.7 28.8 86.5





#49

Toluene

Concen: 0.992 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054857.D

Acq: 24 Jul 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 92 Resp: 1460

Ion Ratio Lower Upper

92 100

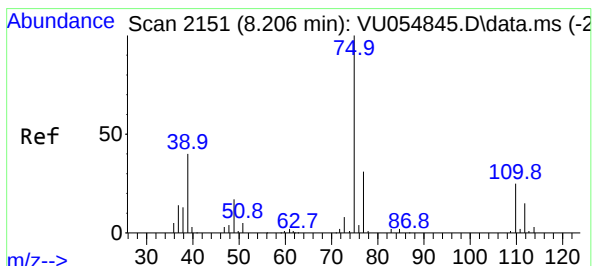
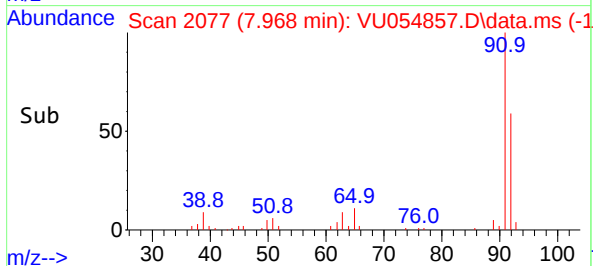
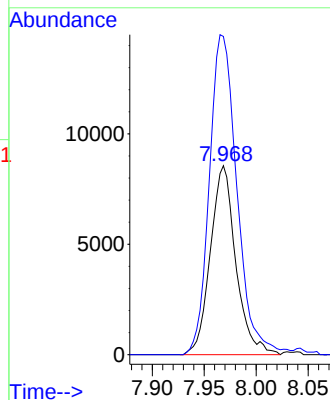
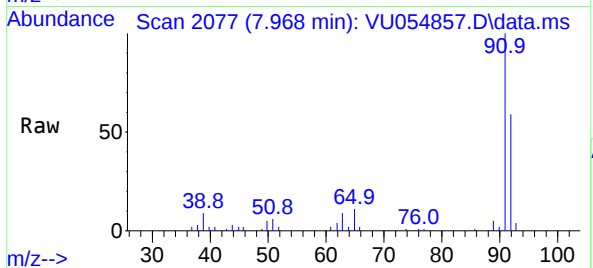
91 183.8 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.993 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054857.D

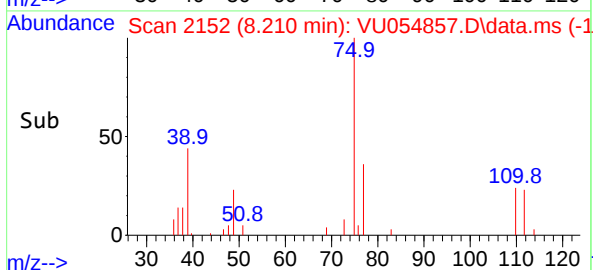
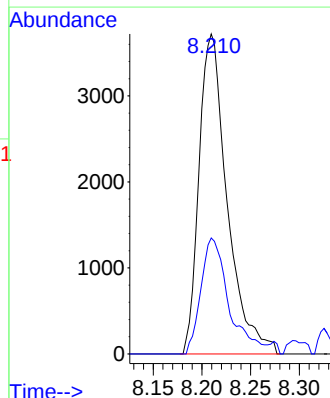
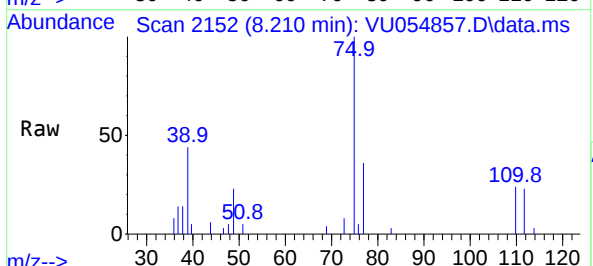
Acq: 24 Jul 2023 13:49

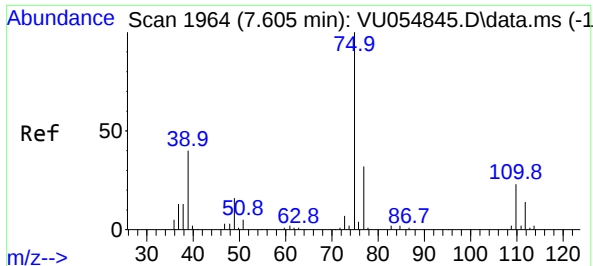
Tgt Ion: 75 Resp: 7471

Ion Ratio Lower Upper

75 100

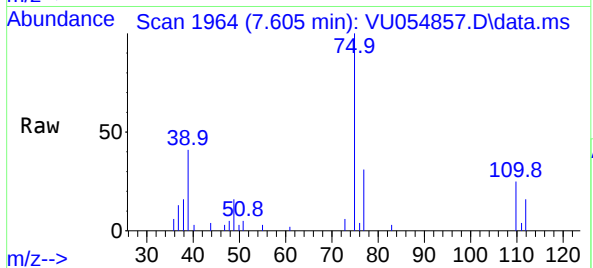
77 36.2 24.9 37.3





#51
cis-1,3-Dichloropropene
Concen: 0.987 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

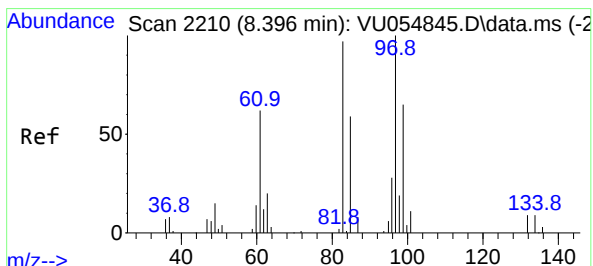
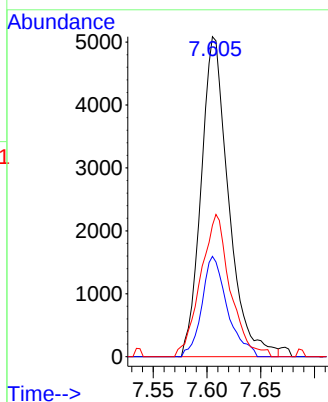
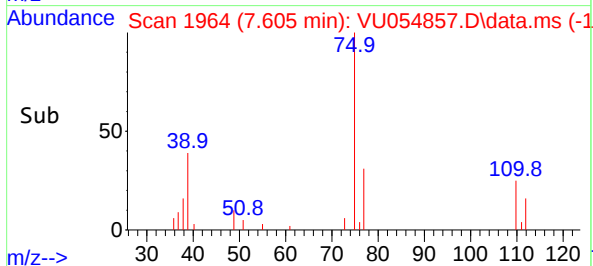
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 75 Resp: 903
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 39.0 31.7 47.5

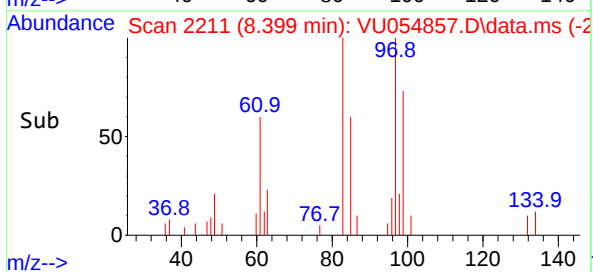
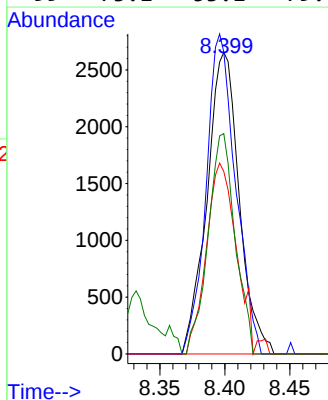
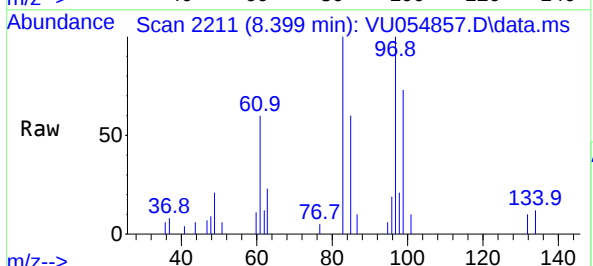
Manual Integrations
APPROVED

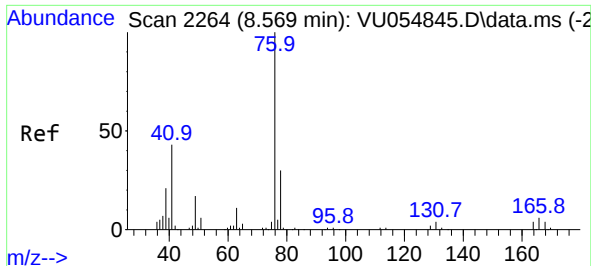
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
1,1,2-Trichloroethane
Concen: 0.978 ug/l
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

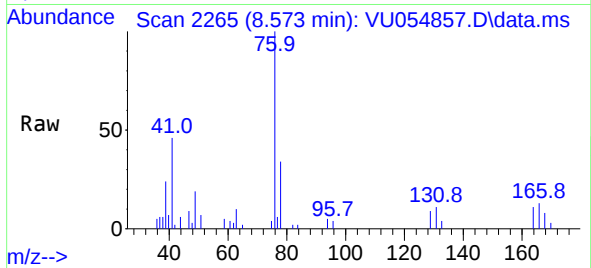
Tgt Ion: 97 Resp: 4574
Ion Ratio Lower Upper
97 100
83 100.1 77.4 116.2
85 60.5 47.8 71.8
99 73.1 53.1 79.7





#53
1,3-Dichloropropane
Concen: 0.983 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

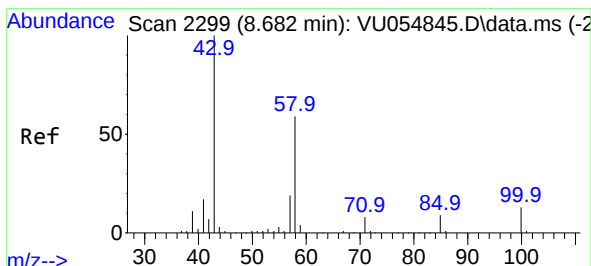
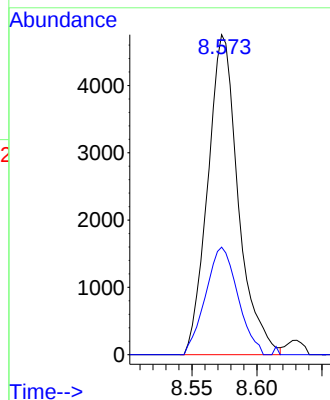
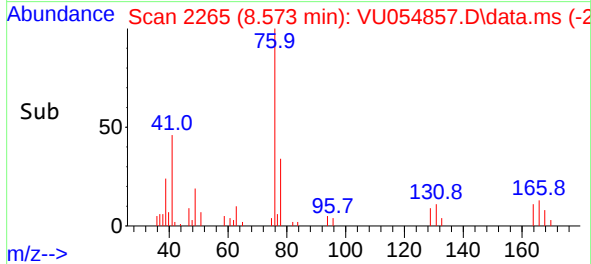
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023



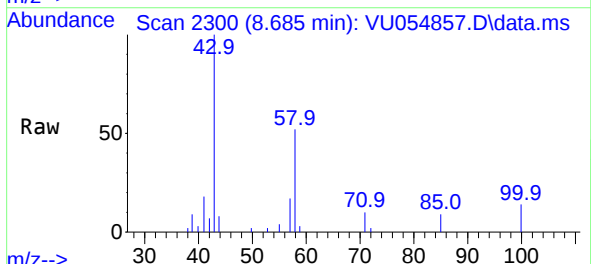
Tgt Ion: 76 Resp: 7745
Ion Ratio Lower Upper
76 100
78 35.6 24.6 36.8

Manual Integrations
APPROVED

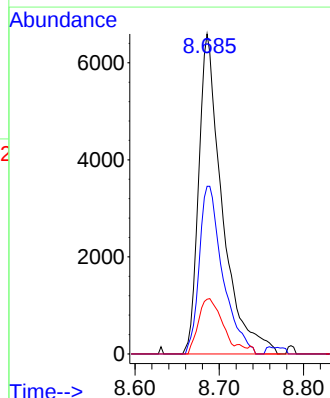
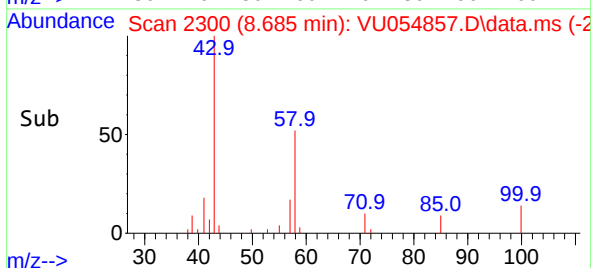
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

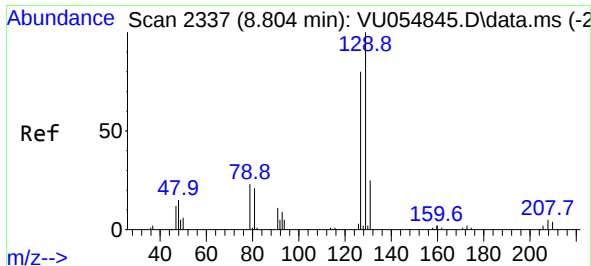


#54
2-Hexanone
Concen: 4.998 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



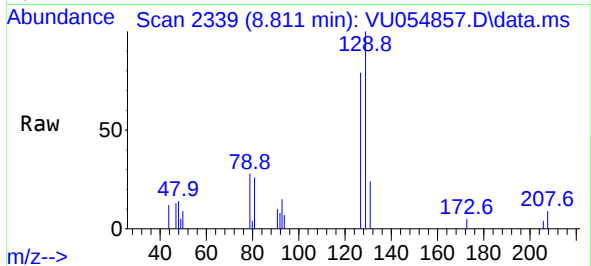
Tgt Ion: 43 Resp: 12778
Ion Ratio Lower Upper
43 100
58 52.4 38.9 78.9
57 18.9 0.0 38.7





#55
Dibromochloromethane
Concen: 0.916 ug/l
RT: 8.811 min Scan# 2117
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

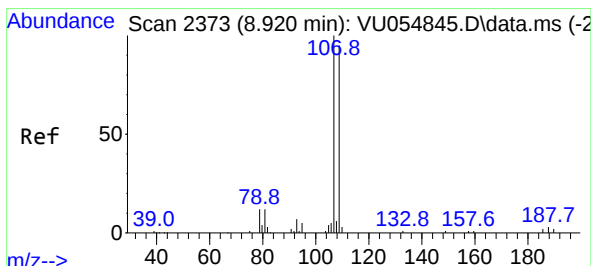
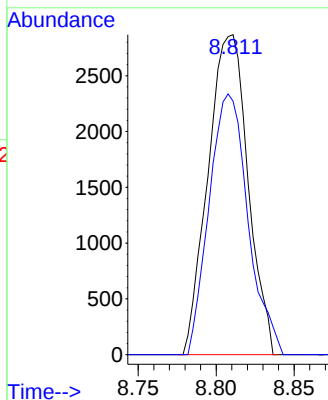
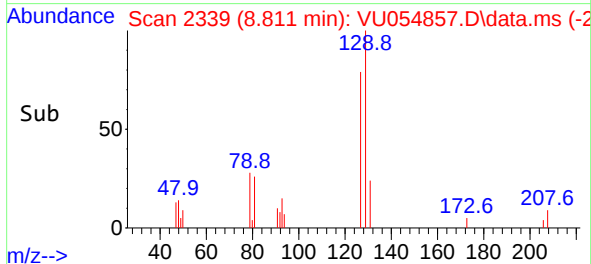
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023



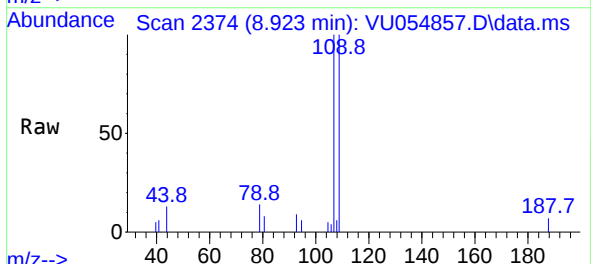
Tgt Ion:129 Resp: 511
Ion Ratio Lower Upper
129 100
127 79.1 61.4 92.0

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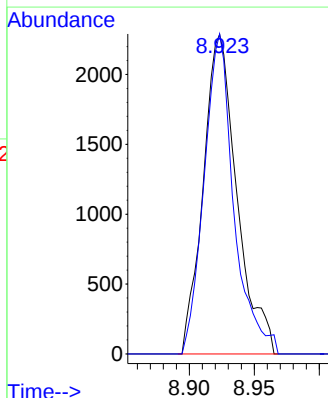
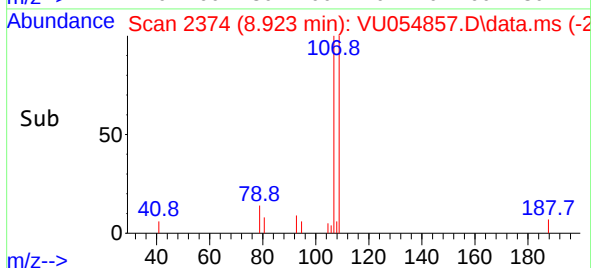
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

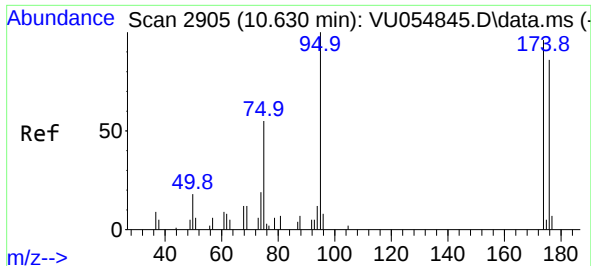


#56
1,2-Dibromoethane
Concen: 1.006 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



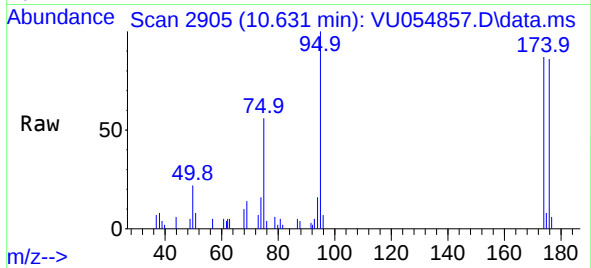
Tgt Ion:107 Resp: 4113
Ion Ratio Lower Upper
107 100
109 88.6 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.980 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

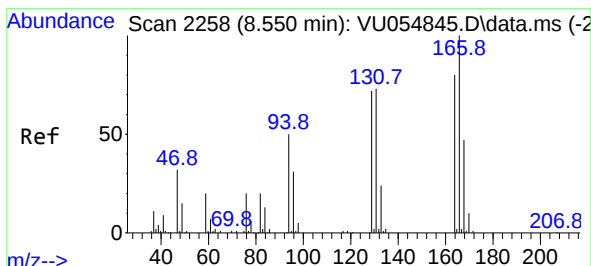
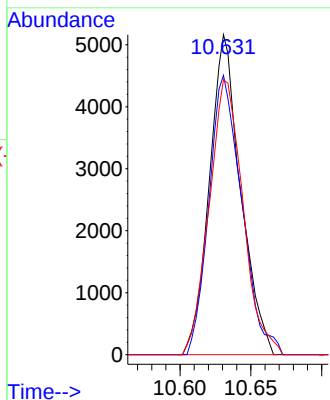
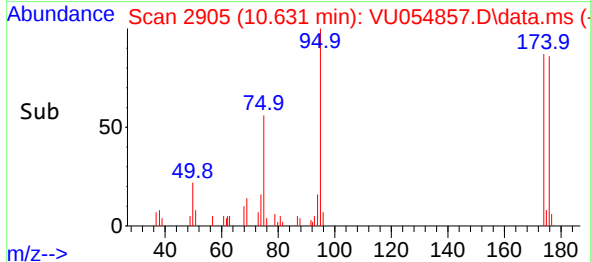
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



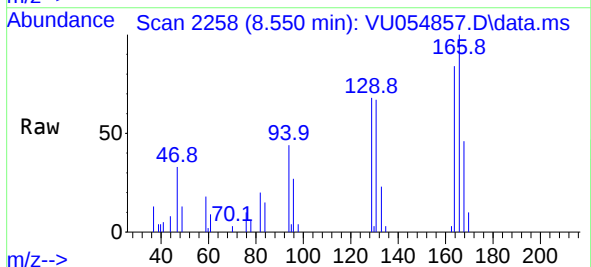
Tgt Ion: 95 Resp: 791.0
Ion Ratio Lower Upper
95 100
174 91.8 79.3 118.9
176 93.1 71.5 107.3

Manual Integrations
APPROVED

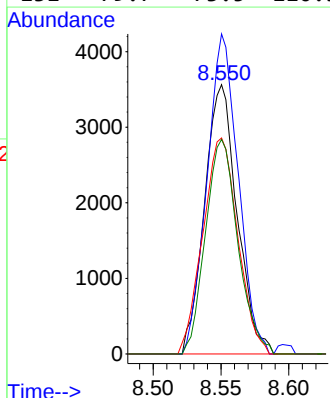
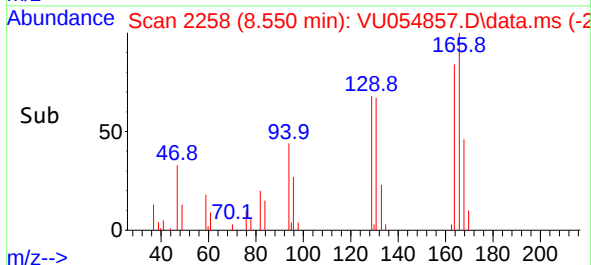
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

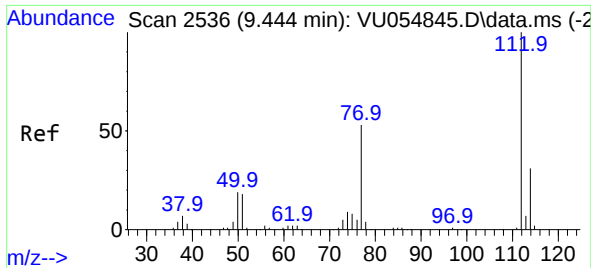


#58
Tetrachloroethene
Concen: 1.096 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



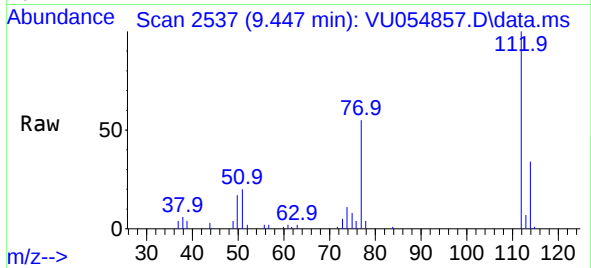
Tgt Ion:164 Resp: 5958
Ion Ratio Lower Upper
164 100
166 118.9 100.4 150.6
129 80.3 71.9 107.9
131 79.7 73.5 110.3





#59
Chlorobenzene
Concen: 0.968 ug/l
RT: 9.447 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

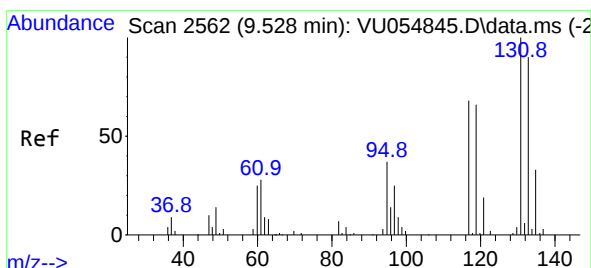
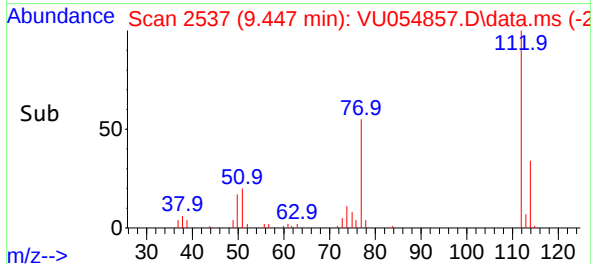
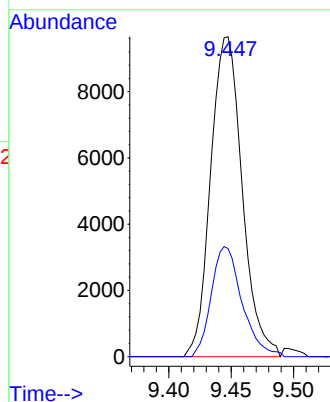
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:112 Resp: 1698
Ion Ratio Lower Upper
112 100
114 33.8 25.0 37.6

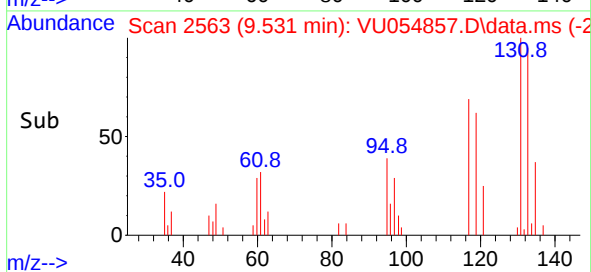
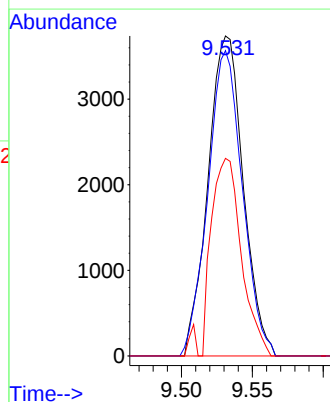
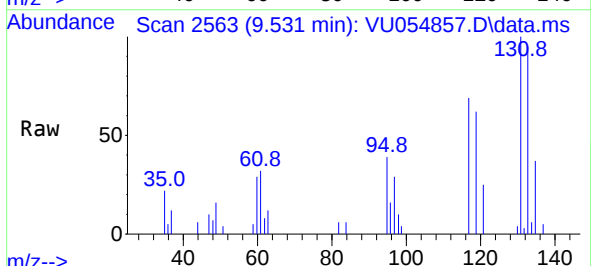
Manual Integrations
APPROVED

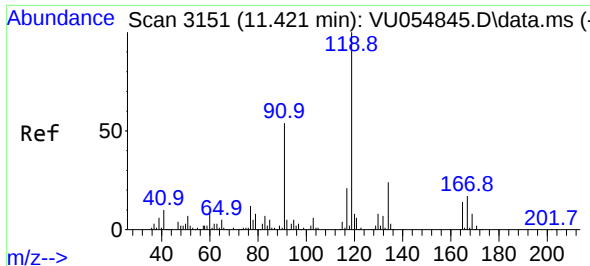
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.045 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

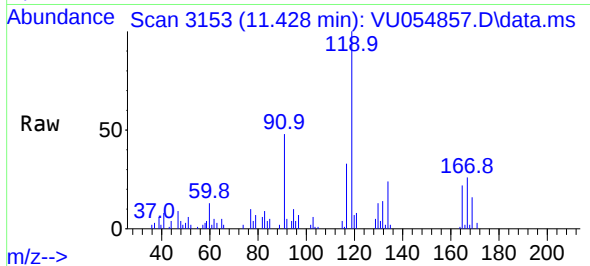
Tgt Ion:131 Resp: 6473
Ion Ratio Lower Upper
131 100
133 93.6 74.2 111.4
119 52.4 51.0 76.4





#61
Pentachloroethane
Concen: 0.992 ug/l
RT: 11.428 min Scan# 3151
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

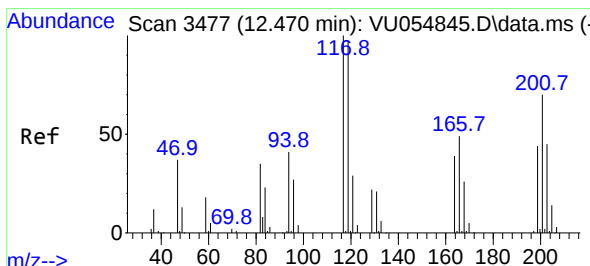
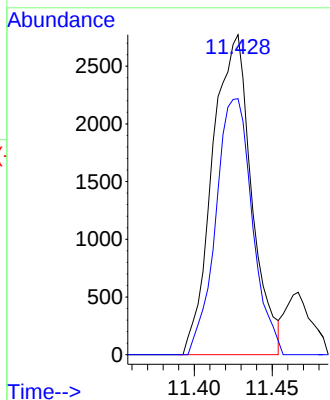
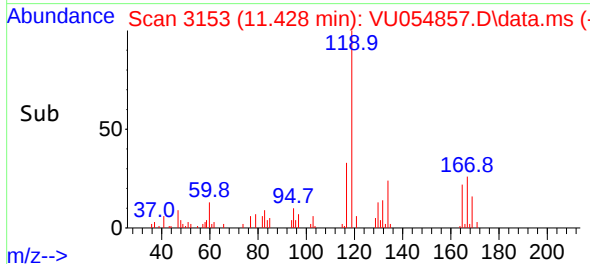
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:117 Resp: 4837
Ion Ratio Lower Upper
117 100
167 74.8 65.3 97.9

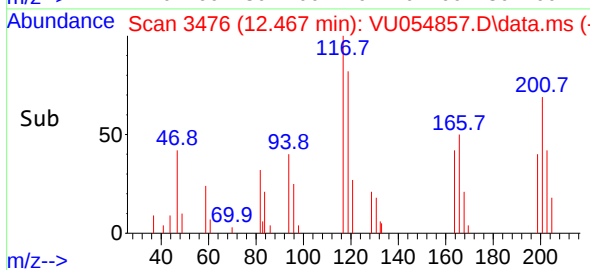
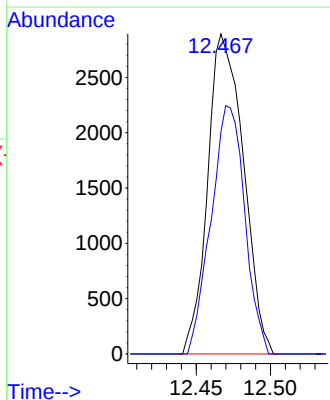
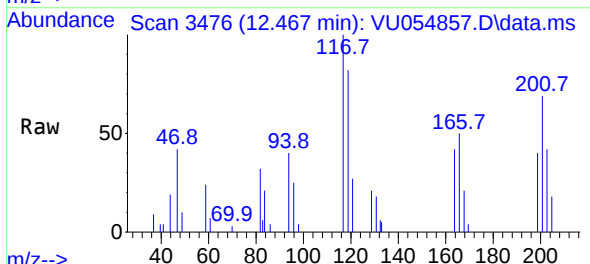
Manual Integrations
APPROVED

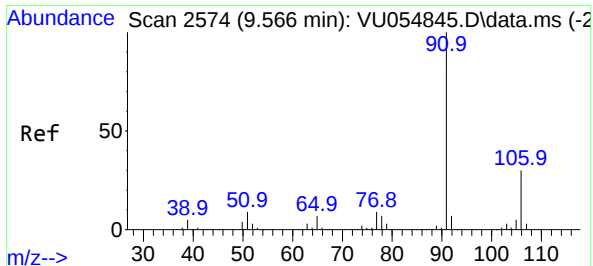
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 0.967 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:117 Resp: 4843
Ion Ratio Lower Upper
117 100
201 72.9 56.1 84.1





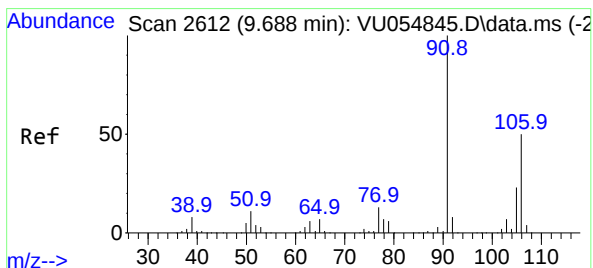
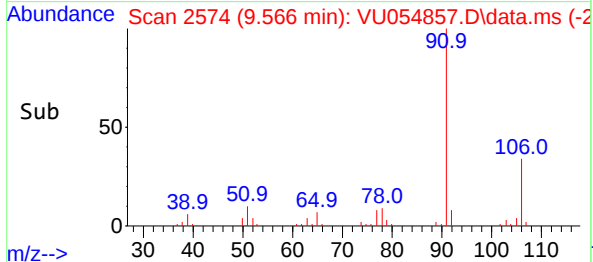
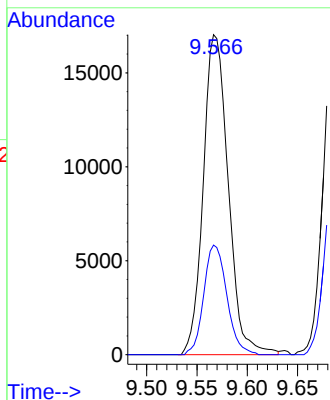
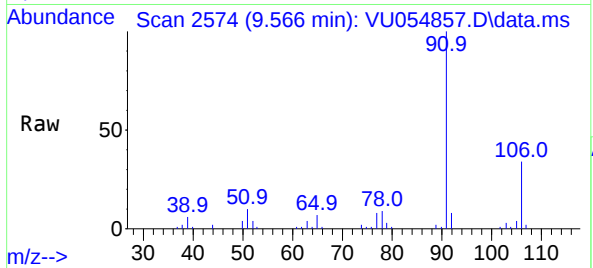
#63
Ethyl Benzene
Concen: 0.984 ug/l
RT: 9.566 min Scan# 21943
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 29439
Ion Ratio Lower Upper
91 100
106 34.3 24.2 36.2

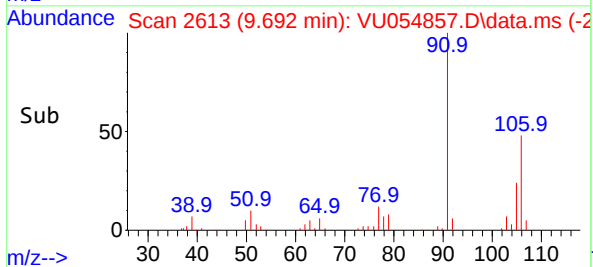
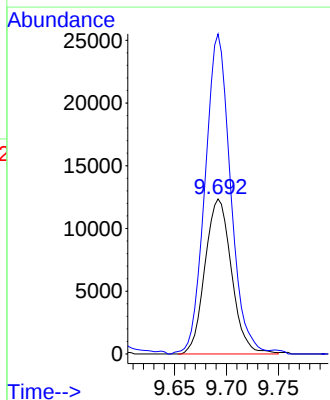
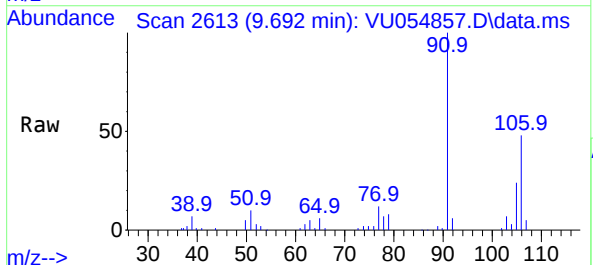
Manual Integrations
APPROVED

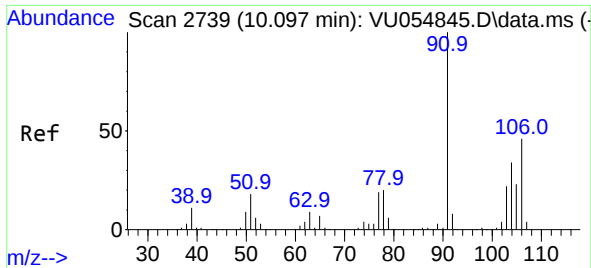
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 1.940 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

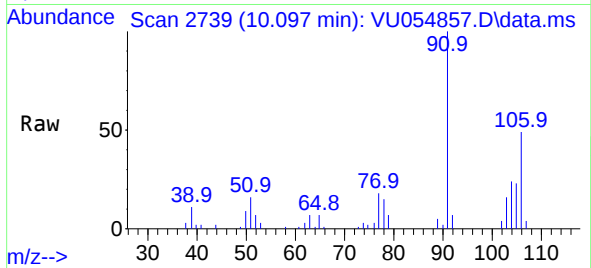
Tgt Ion:106 Resp: 21946
Ion Ratio Lower Upper
106 100
91 198.1 158.8 238.2





#65
o-Xylene
Concen: 1.036 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

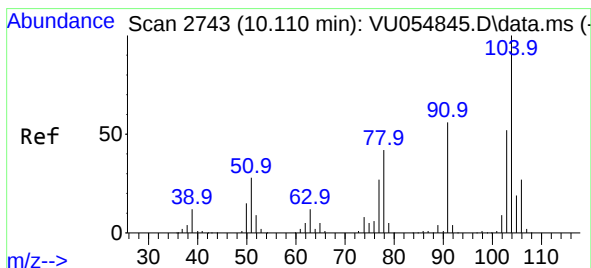
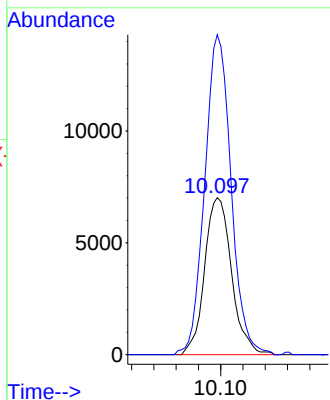
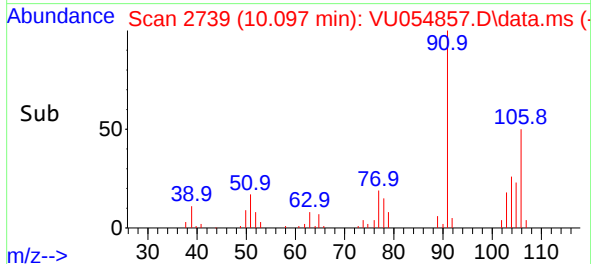
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



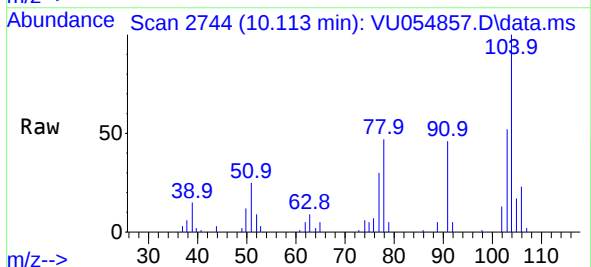
Tgt Ion:106 Resp: 1180
Ion Ratio Lower Upper
106 100
91 198.9 108.9 326.8

Manual Integrations
APPROVED

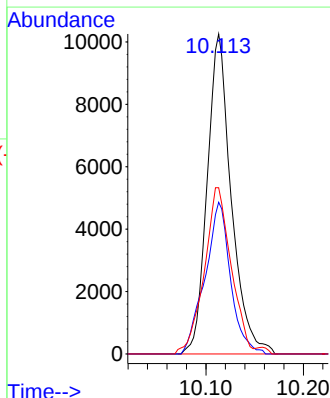
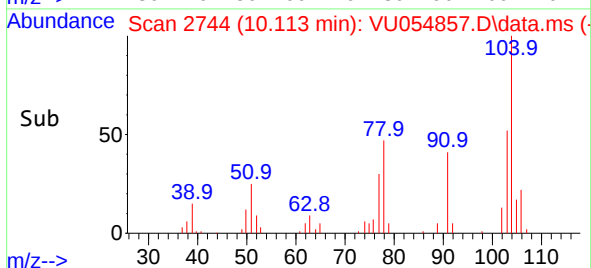
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

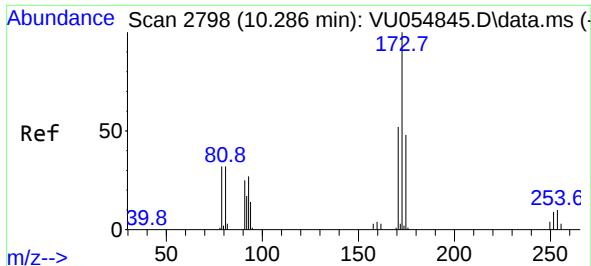


#66
Styrene
Concen: 0.962 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



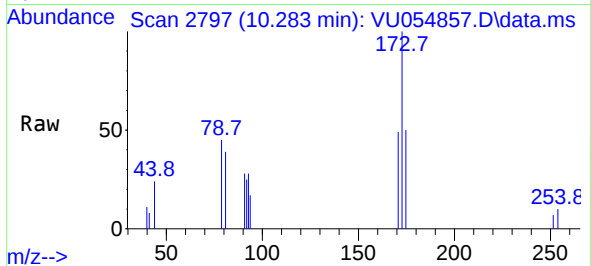
Tgt Ion:104 Resp: 17605
Ion Ratio Lower Upper
104 100
78 50.3 37.5 56.3
103 57.8 45.2 67.8





#67
Bromoform
Concen: 0.913 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

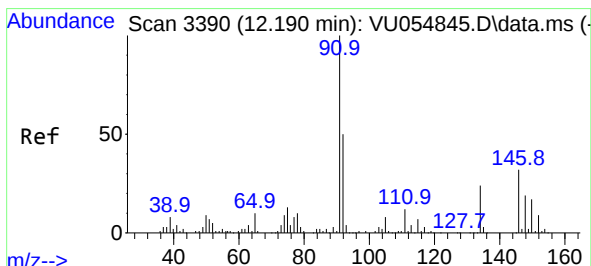
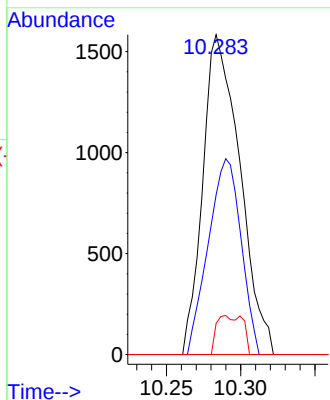
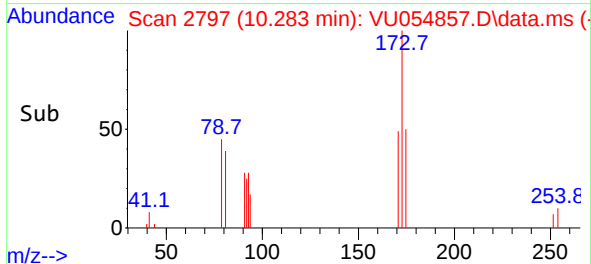
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



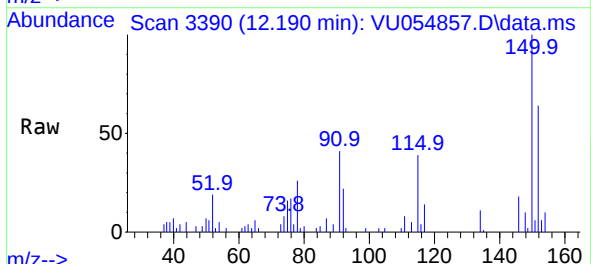
Tgt Ion:173 Resp: 2748
Ion Ratio Lower Upper
173 100
175 54.0 39.0 58.6
254 8.7 7.4 11.0

Manual Integrations
APPROVED

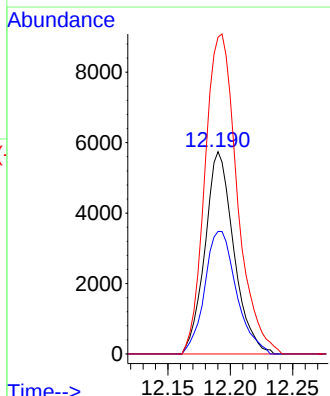
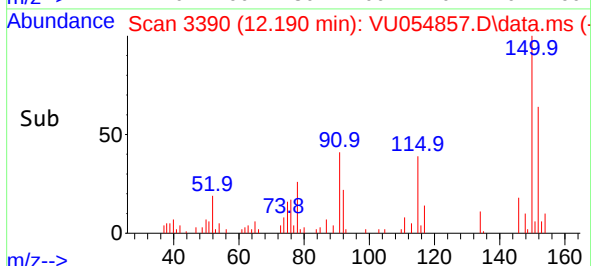
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

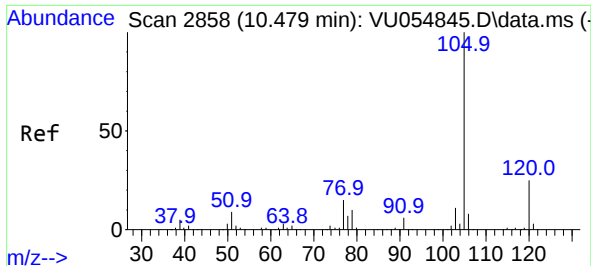


#68
1,2-Dichlorobenzene-d4
Concen: 0.987 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion:152 Resp: 9223
Ion Ratio Lower Upper
152 100
115 66.7 0.0 234.8
150 176.9 0.0 598.2





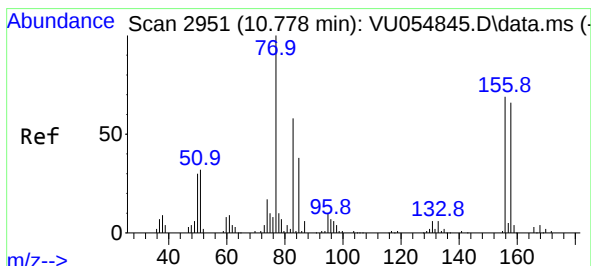
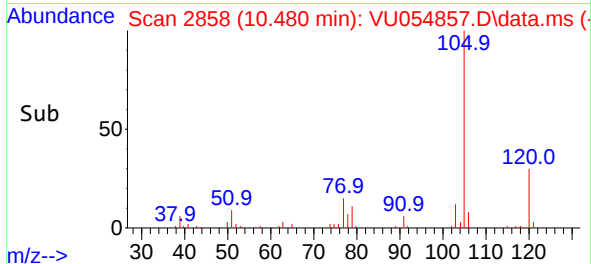
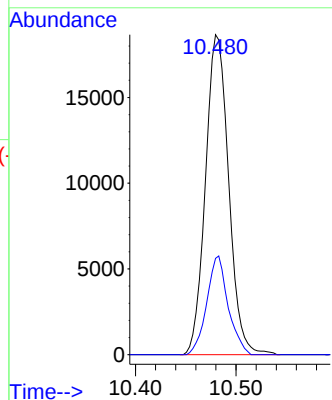
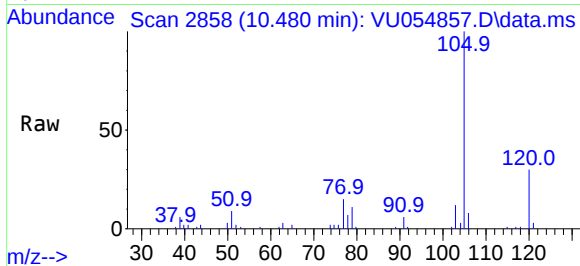
#69
Isopropylbenzene
Concen: 0.969 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 29940
Ion Ratio Lower Upper
105 100
120 28.4 12.6 37.6

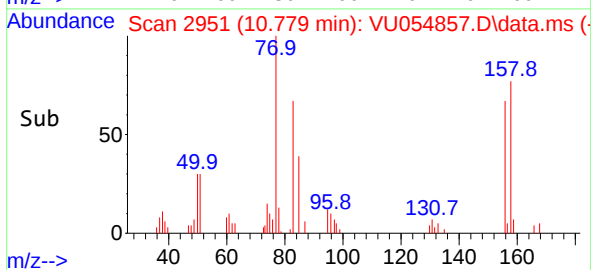
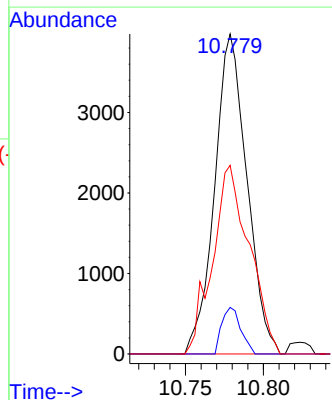
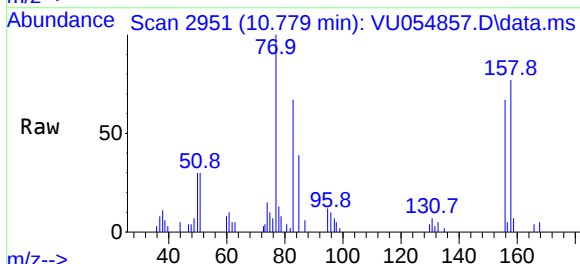
Manual Integrations
APPROVED

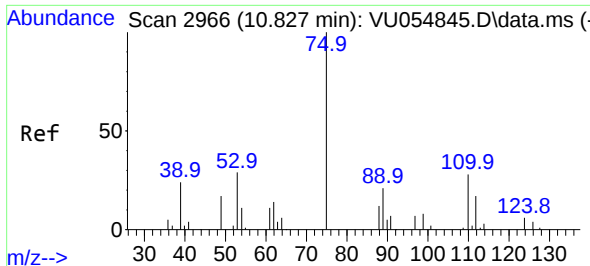
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.982 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

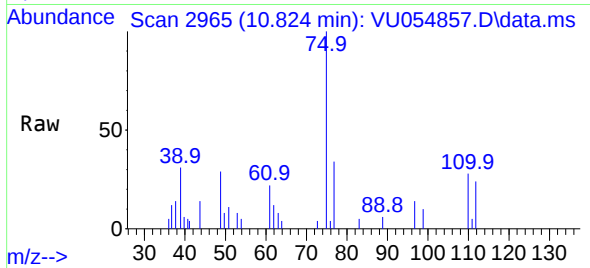
Tgt Ion: 83 Resp: 5725
Ion Ratio Lower Upper
83 100
131 8.5 7.5 11.3
85 67.0 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 1.265 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

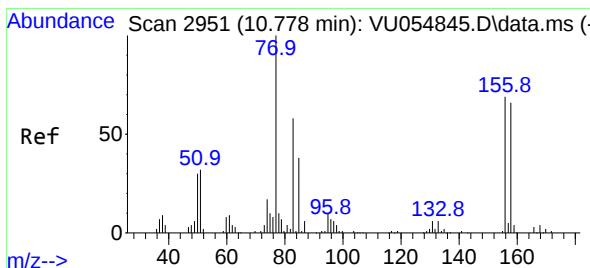
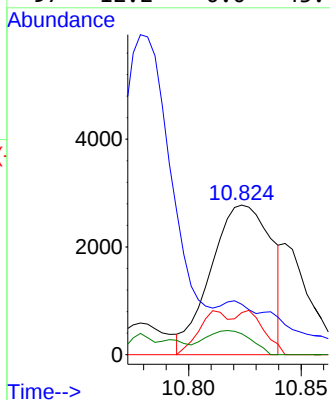
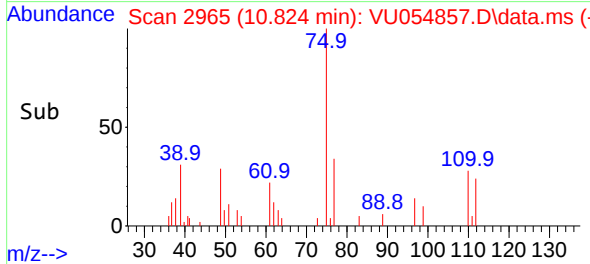
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



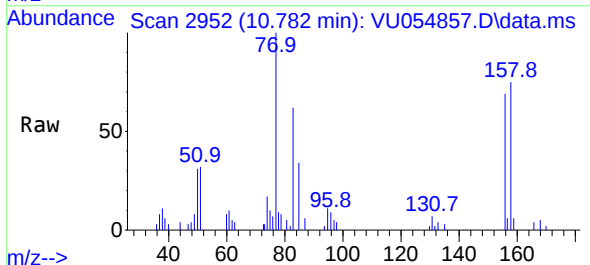
Tgt Ion: 75	Resp: 519
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 13.8	0.0 80.8
97 12.2	0.0 43.4

Manual Integrations
APPROVED

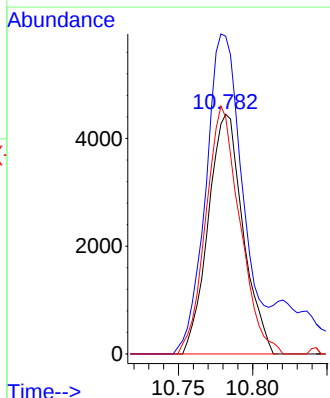
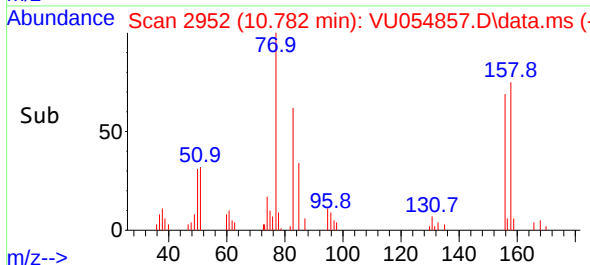
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

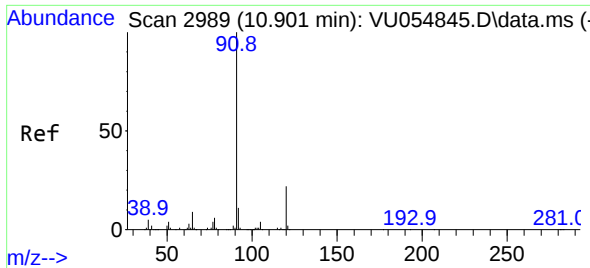


#72
Bromobenzene
Concen: 1.018 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion: 156	Resp: 7256
Ion Ratio	Lower Upper
156 100	
77 141.0	0.0 293.2
158 101.3	0.0 189.8





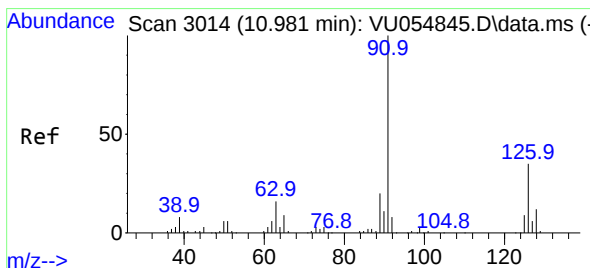
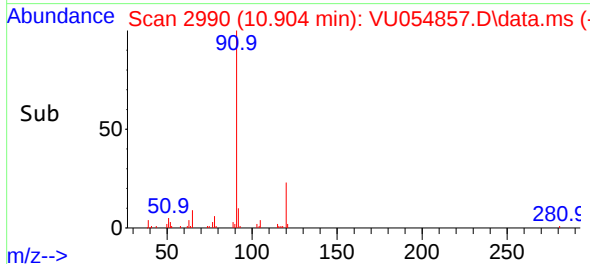
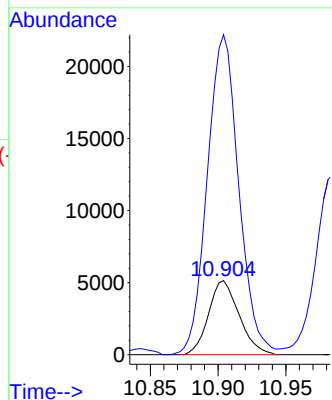
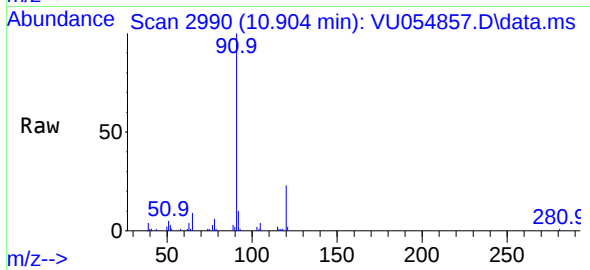
#73
n-propylbenzene
Concen: 0.971 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:120 Resp: 8064
Ion Ratio Lower Upper
120 100
91 445.1 361.8 542.6

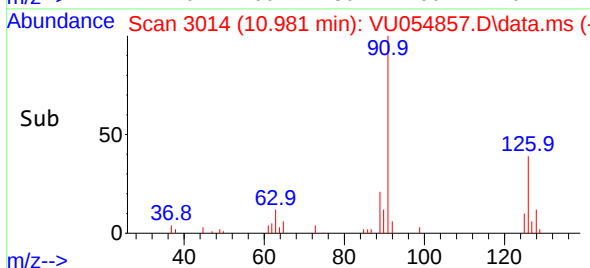
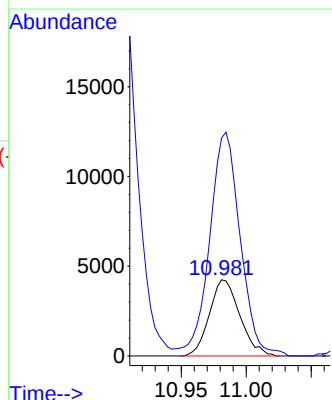
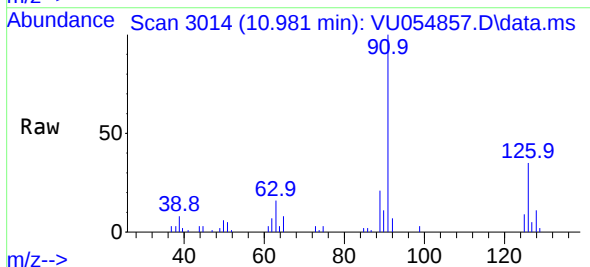
Manual Integrations
APPROVED

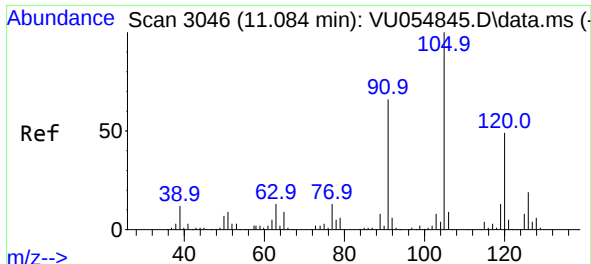
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 0.957 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Tgt Ion:126 Resp: 6918
Ion Ratio Lower Upper
126 100
91 295.2 0.0 561.4





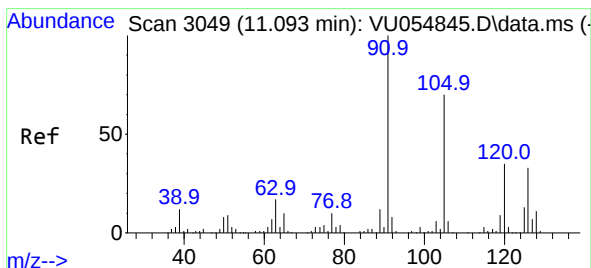
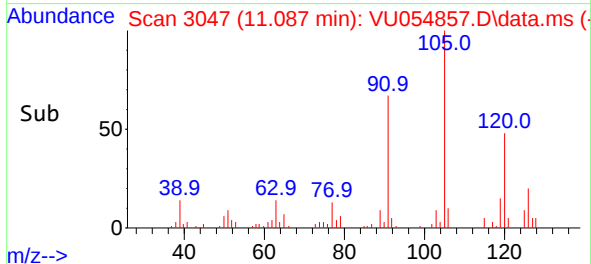
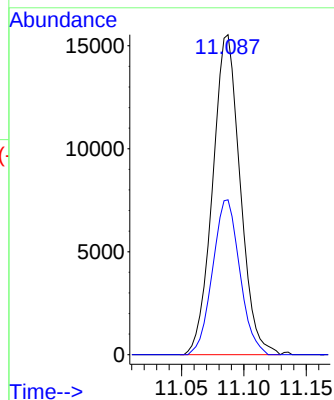
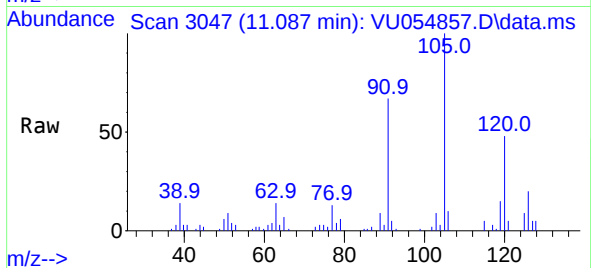
#75
1,3,5-Trimethylbenzene
Concen: 0.951 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 2394
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.4

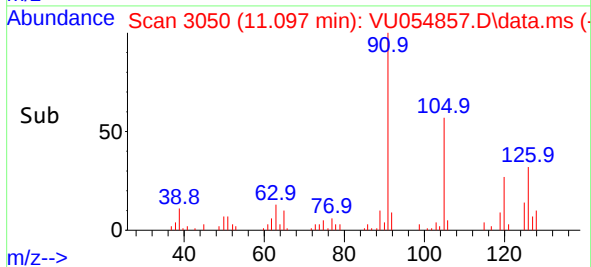
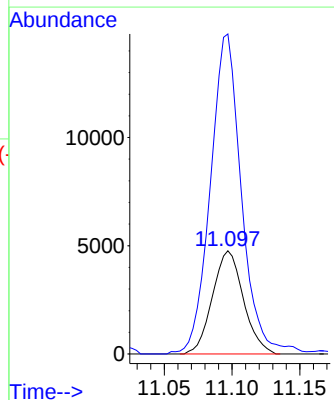
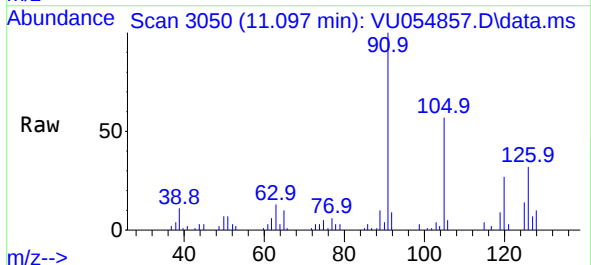
Manual Integrations
APPROVED

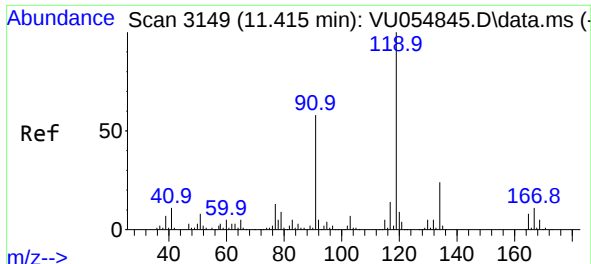
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 1.018 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

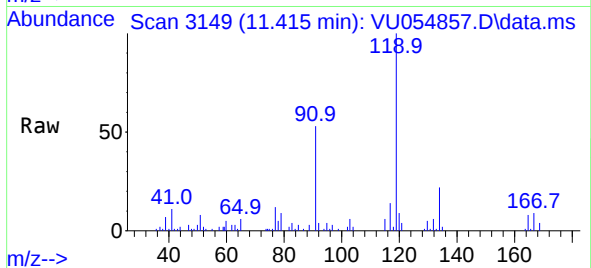
Tgt Ion:126 Resp: 7570
Ion Ratio Lower Upper
126 100
91 311.5 0.0 623.4





#77
tert-Butylbenzene
Concen: 0.977 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

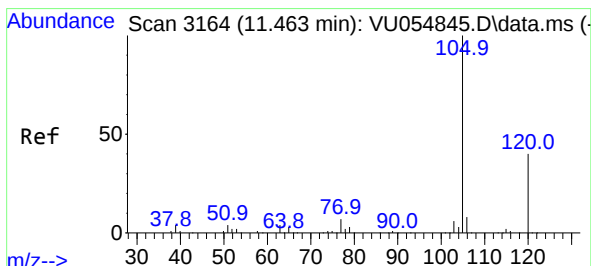
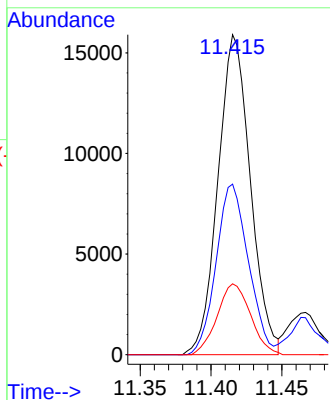
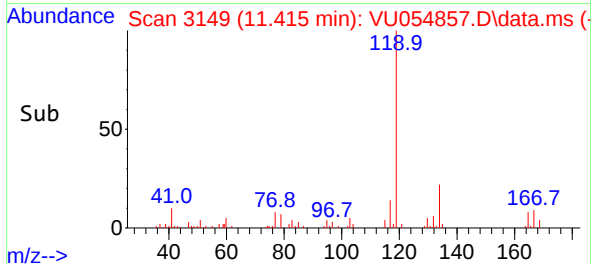
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



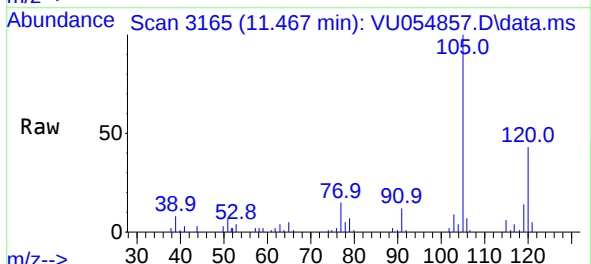
Tgt Ion:119 Resp: 2534
Ion Ratio Lower Upper
119 100
91 53.0 27.7 83.1
134 22.8 18.6 27.8

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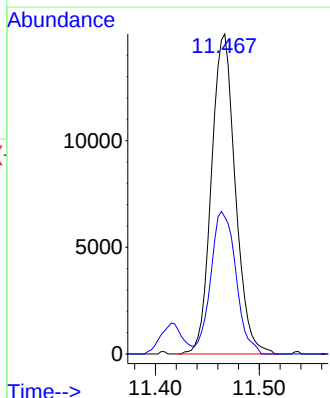
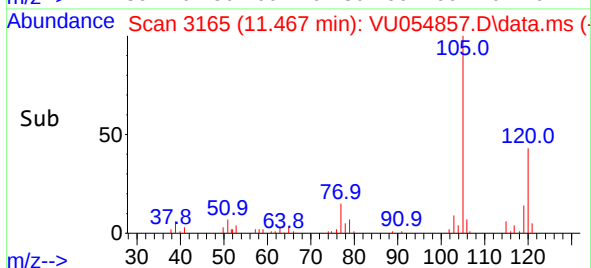
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

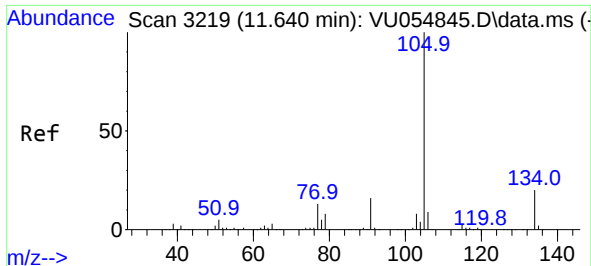


#78
1,2,4-Trimethylbenzene
Concen: 0.946 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



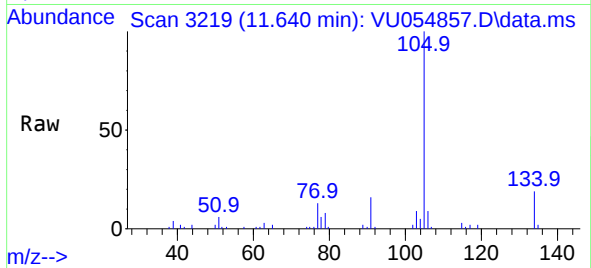
Tgt Ion:105 Resp: 23943
Ion Ratio Lower Upper
105 100
120 47.1 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.949 ug/l
 RT: 11.640 min Scan# 3194
 Delta R.T. 0.000 min
 Lab File: VU054857.D
 Acq: 24 Jul 2023 13:49

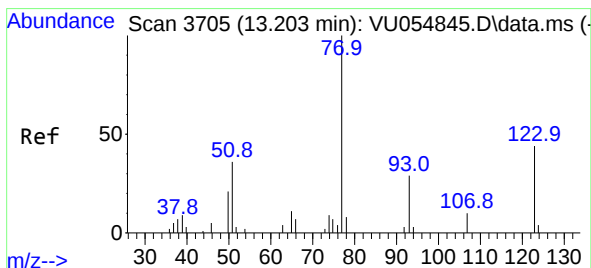
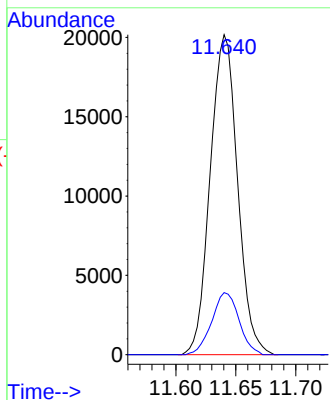
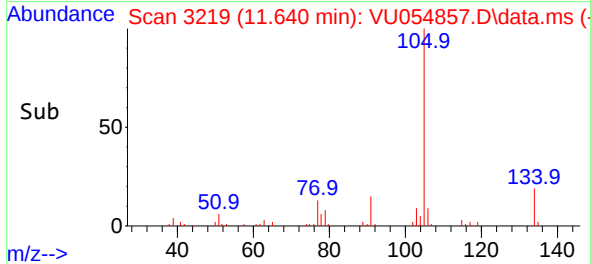
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



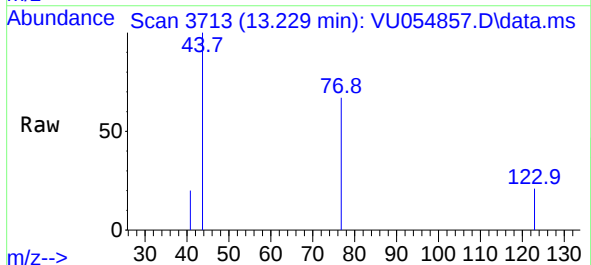
Tgt Ion:105 Resp: 3194
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

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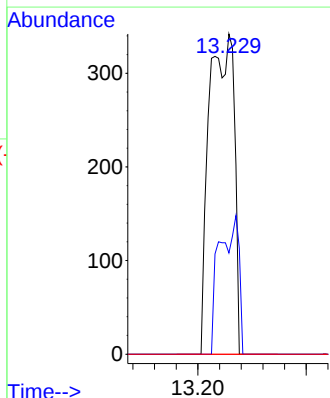
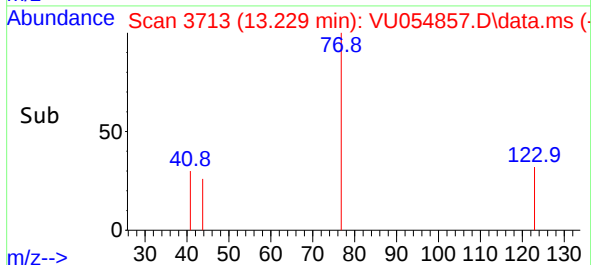
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023

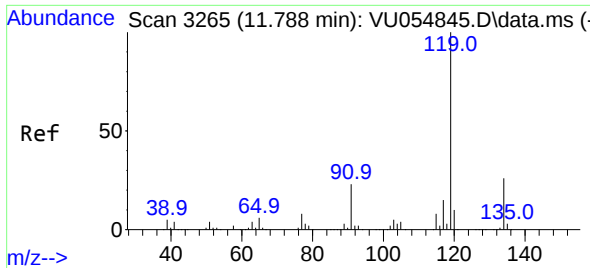


#80
 Nitrobenzene
 Concen: 3.219 ug/l m
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU054857.D
 Acq: 24 Jul 2023 13:49



Tgt Ion: 77 Resp: 544
 Ion Ratio Lower Upper
 77 100
 123 20.2 20.2 71.8#
 65 0.0 11.7 14.9#





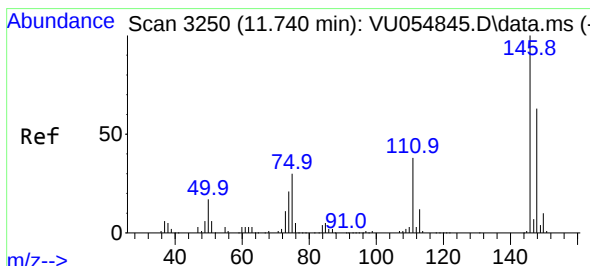
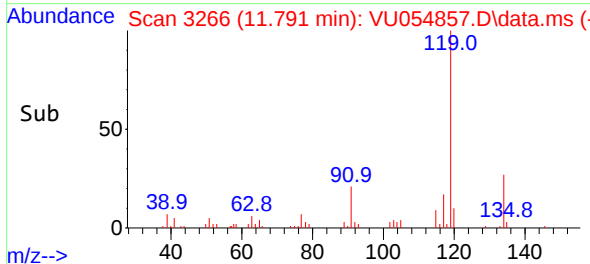
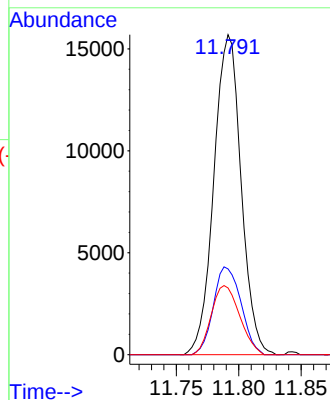
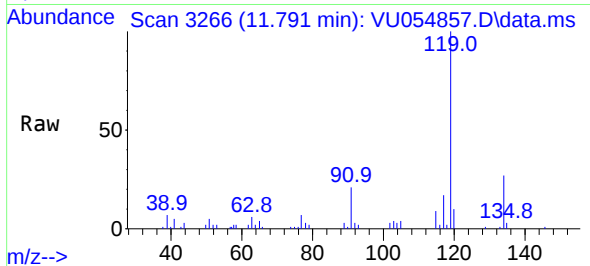
#81
p-Isopropyltoluene
Concen: 0.871 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:119 Resp: 2388
Ion Ratio Lower Upper
119 100
134 27.8 20.6 31.0
91 22.5 18.2 27.4

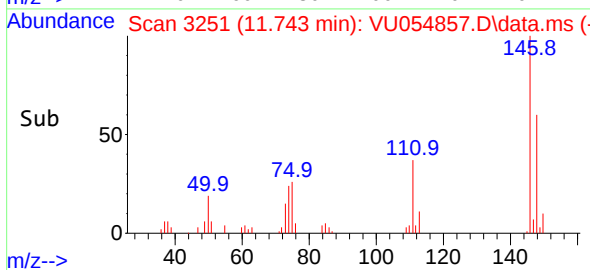
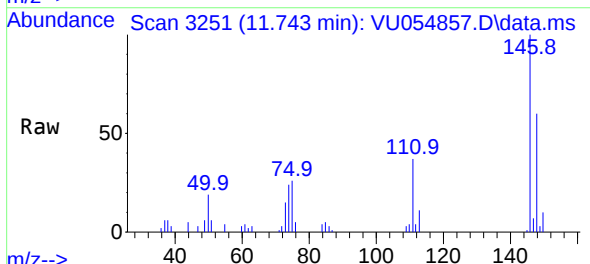
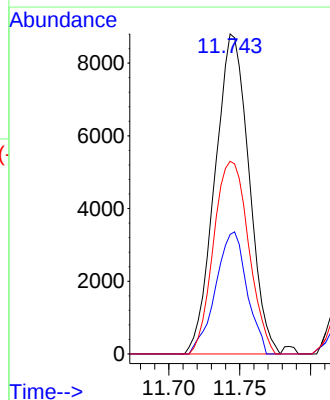
Manual Integrations
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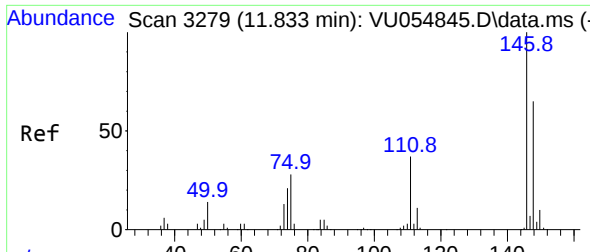
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 1.029 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

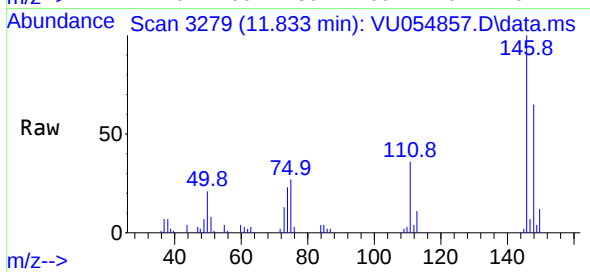
Tgt Ion:146 Resp: 14685
Ion Ratio Lower Upper
146 100
111 35.1 30.5 45.7
148 62.0 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.989 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

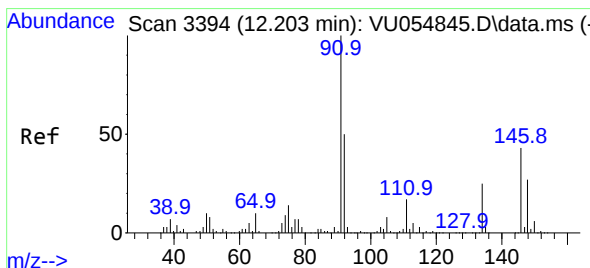
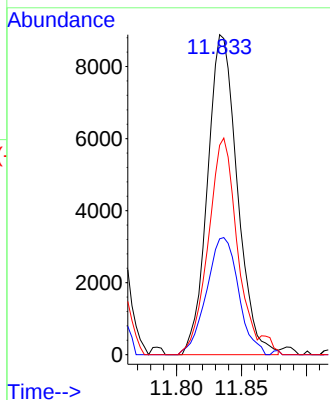
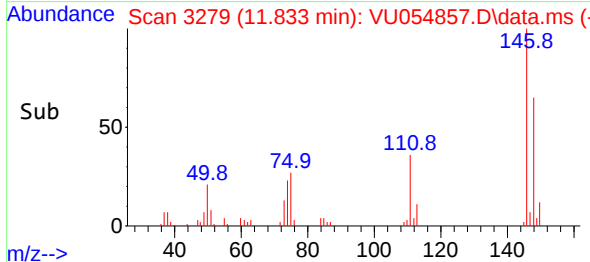
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



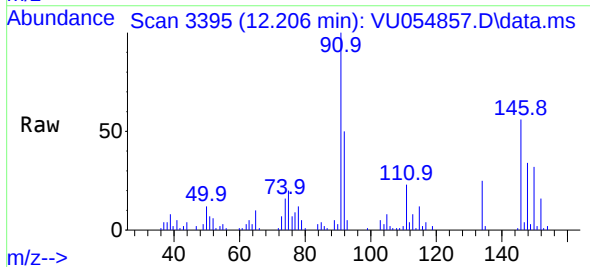
Tgt Ion:146 Resp: 1415
Ion Ratio Lower Upper
146 100
111 39.4 29.5 44.3
148 67.6 51.2 76.8

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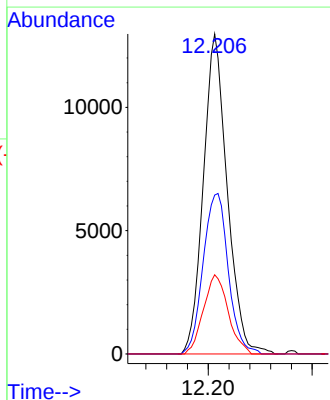
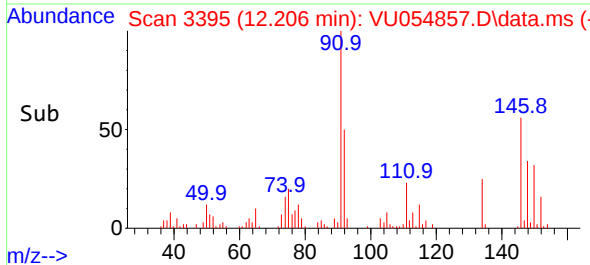
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

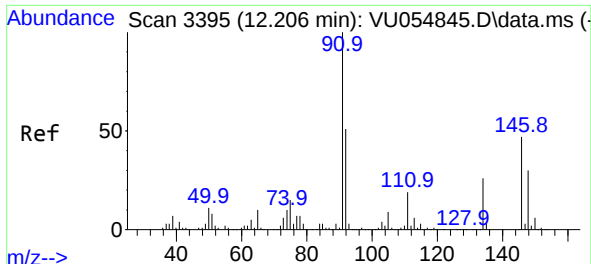


#84
n-Butylbenzene
Concen: 0.820 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



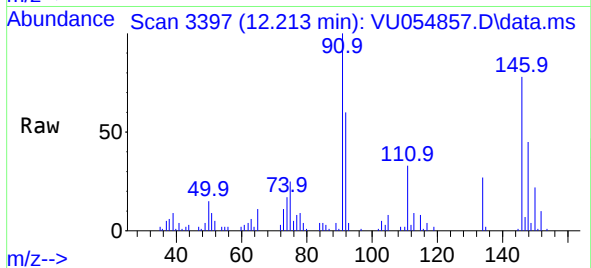
Tgt Ion: 91 Resp: 20677
Ion Ratio Lower Upper
91 100
92 52.8 39.8 59.8
134 25.7 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 0.984 ug/l
RT: 12.213 min Scan# 3111
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

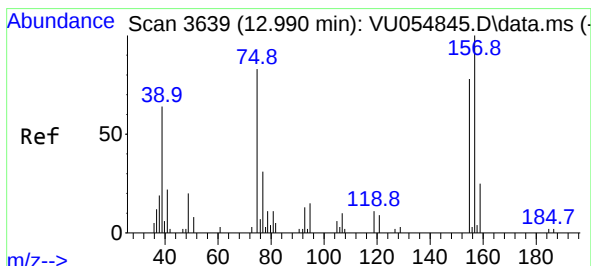
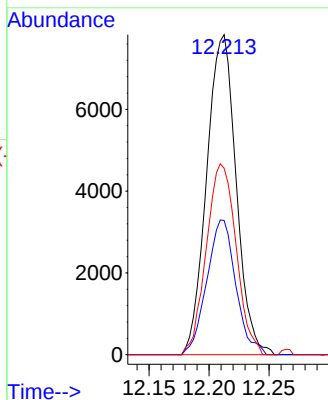
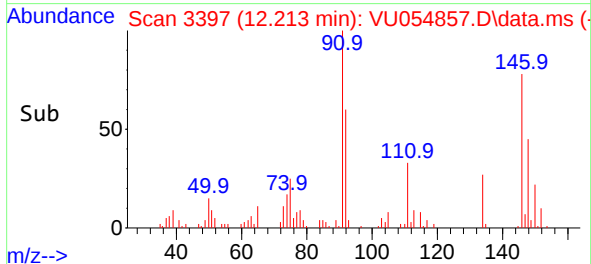
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



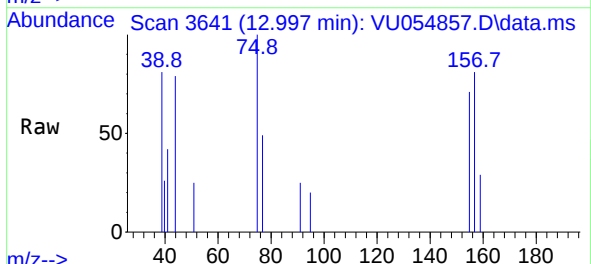
Tgt Ion:146 Resp: 1338
Ion Ratio Lower Upper
146 100
111 41.4 19.8 59.4
148 60.3 31.8 95.3

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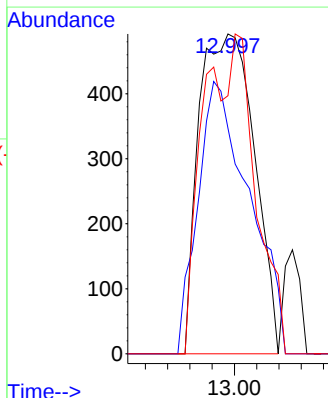
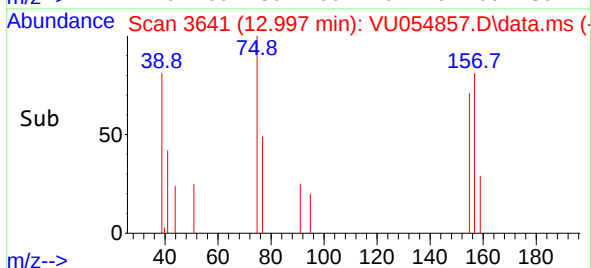
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

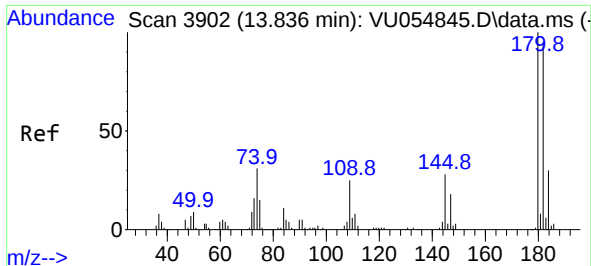


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.109 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.007 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



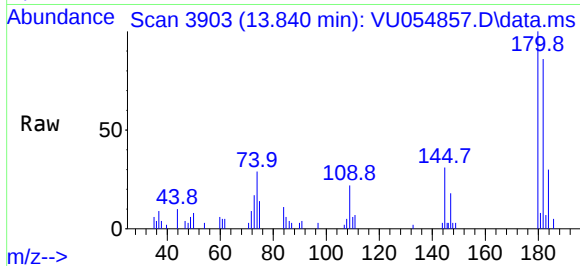
Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
155 79.6 74.8 112.2
157 40.8 97.4 146.0#





#87
1,2,4-Trichlorobenzene
Concen: 0.942 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

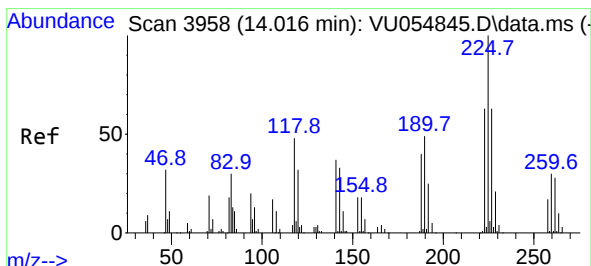
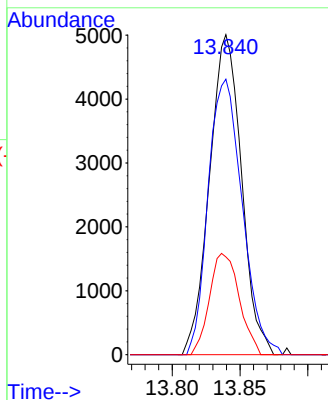
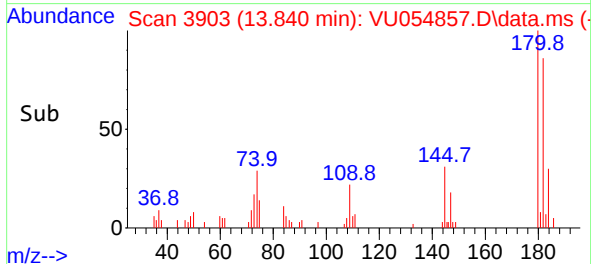
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



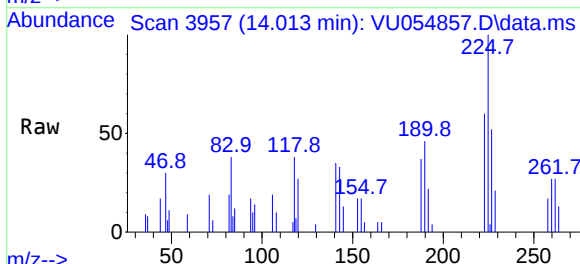
Tgt Ion:180 Resp: 821
Ion Ratio Lower Upper
180 100
182 91.5 77.0 115.6
145 29.4 23.4 35.0

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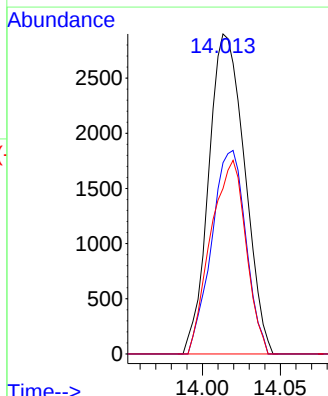
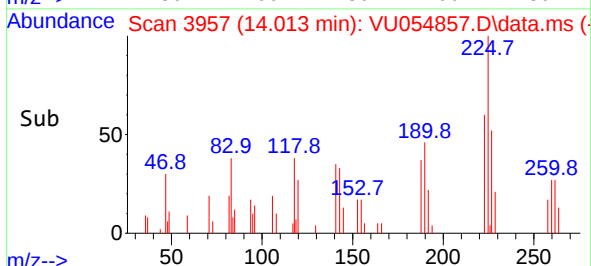
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

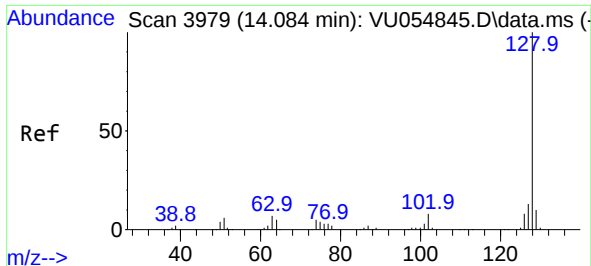


#88
Hexachlorobutadiene
Concen: 1.000 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



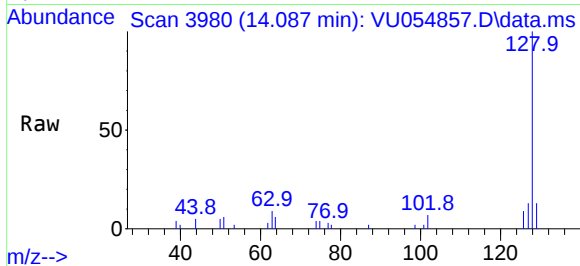
Tgt Ion:225 Resp: 4655
Ion Ratio Lower Upper
225 100
223 60.6 50.6 76.0
227 59.2 50.7 76.1





#89
Naphthalene
Concen: 0.906 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49

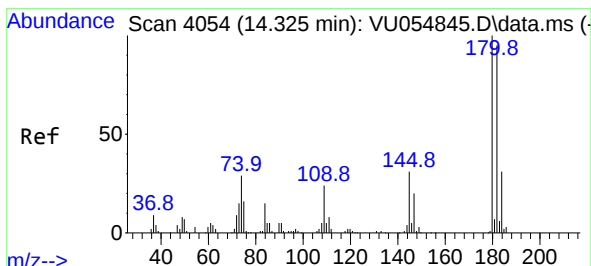
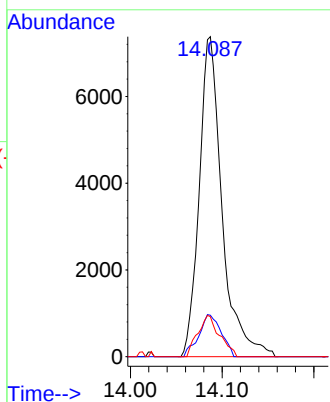
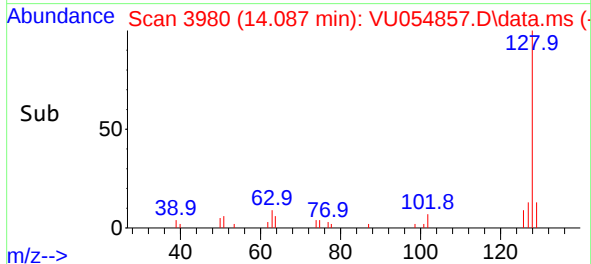
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023



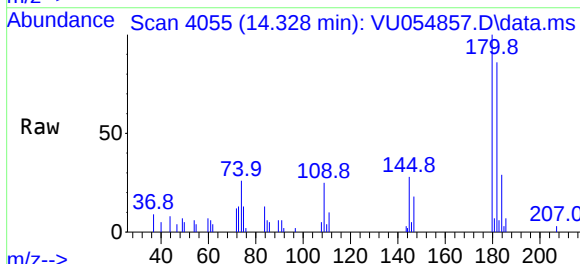
Tgt Ion:128 Resp: 1276
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 12.3 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 0.993 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054857.D
Acq: 24 Jul 2023 13:49



Tgt Ion:180 Resp: 7479
Ion Ratio Lower Upper
180 100
182 85.2 76.0 114.0
145 29.2 24.3 36.5

