

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053831.D
 Acq On : 21 Apr 2023 17:55
 Operator : JC/MD
 Sample : 02213-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: Apr 22 03:21:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.112	96	31214	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11180	0.913	ug/l	0.00
Spiked Amount	1.000		Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12970	0.891	ug/l	0.00
Spiked Amount	1.000		Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7148	0.755	ug/l	94
3) Chloromethane	1.520	50	6457	0.758	ug/l	99
4) Vinyl Chloride	1.604	62	7587	0.770	ug/l	99
5) Bromomethane	1.858	94	5670	0.765	ug/l	99
6) Chloroethane	1.935	64	5548	0.880	ug/l	99
7) Trichlorofluoromethane	2.141	101	12736	0.770	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	8055	0.748	ug/l	92
9) 1,1-Dichloroethene	2.581	96	6129	0.695	ug/l	82
10) Iodomethane	2.723	142	6092	0.634	ug/l	97
11) Allyl Chloride	2.922	41	6443	0.615	ug/l	89
12) Acrylonitrile	3.343	53	2527	1.147	ug/l	96
13) Acetone	2.649	43	7890m	2.561	ug/l	
14) Carbon Disulfide	2.790	76	9574	0.661	ug/l	99
15) Methylene Chloride	3.047	84	10283	0.796	ug/l	83
16) trans-1,2-Dichloroethene	3.353	96	6436	0.675	ug/l	85
17) 1,1-Dichloroethane	3.867	63	13530	0.688	ug/l	93
18) 2-Butanone	4.729	43	8927m	2.236	ug/l	
19) Cyclohexane	5.388	56	8144m	0.598	ug/l	
20) Methylcyclohexane	6.758	83	9932	0.813	ug/l	91
21) 2,2-Dichloropropane	4.662	77	11897	0.665	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	8319	0.697	ug/l	88
23) Diethyl Ether	2.379	59	5096	0.784	ug/l	95
24) tert-Butyl Alcohol	3.256	59	5469m	6.177	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	15918	0.647	ug/l	97
26) Bromochloromethane	4.967	128	3210	0.608	ug/l	95
27) Chloroform	5.083	83	15115	0.712	ug/l	94
28) 1,1,1-Trichloroethane	5.308	97	12413	0.705	ug/l	95
29) 1,1-Dichloropropene	5.526	75	8702	0.777	ug/l	98
30) Carbon Tetrachloride	5.520	117	10075	0.800	ug/l	98
31) Isopropyl Ether	3.990	45	18167	0.639	ug/l	97
32) Ethyl-t-butyl ether	4.498	59	18774	0.652	ug/l	94
33) Tert-Amyl methyl ether	5.935	73	16903	0.804	ug/l	# 95
34) Propionitrile	4.819	54	2300m	2.576	ug/l	
35) Benzene	5.771	78	28808	0.835	ug/l	98
36) 1,2-Dichloroethane	5.797	62	8411	0.776	ug/l	# 94
37) Trichloroethene	6.543	130	7727	0.788	ug/l	99
38) 1,2-Dichloropropane	6.787	63	8352	0.850	ug/l	95
39) Methacrylonitrile	4.986	41	1546	0.434	ug/l	# 77
40) Methyl acrylate	4.864	55	3298	0.561	ug/l	# 74
41) Tetrahydrofuran	5.070	42	1350	0.764	ug/l	# 76
42) 1-Chlorobutane	5.456	56	10831	0.708	ug/l	98
43) Dibromomethane	6.915	93	4266	0.856	ug/l	91
44) Bromodichloromethane	7.102	83	10117	0.805	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.790	43	18635	3.677	ug/l	96
46) t-1,4-Dichloro-2-butene	10.829	75	4171m	1.982	ug/l	
47) Methyl methacrylate	6.960	69	7051	1.611	ug/l #	83
48) Ethyl methacrylate	8.333	69	5370	0.626	ug/l	89
49) Toluene	7.967	92	17053	0.784	ug/l	99
50) t-1,3-Dichloropropene	8.205	75	8287	0.734	ug/l	92
51) cis-1,3-Dichloropropene	7.604	75	10074	0.748	ug/l	96
52) 1,1,2-Trichloroethane	8.395	97	5825	0.737	ug/l	94
53) 1,3-Dichloropropane	8.571	76	9984	0.807	ug/l	98
54) 2-Hexanone	8.684	43	13212	2.780	ug/l	95
55) Dibromochloromethane	8.806	129	6944	0.835	ug/l	93
56) 1,2-Dibromoethane	8.925	107	5054	0.741	ug/l	95
58) Tetrachloroethene	8.552	164	7724	0.815	ug/l	95
59) Chlorobenzene	9.446	112	22331	0.825	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	7487	0.767	ug/l	99
61) Pentachloroethane	11.420	117	5264	0.700	ug/l	97
62) Hexachloroethane	12.472	117	5278	0.719	ug/l	89
63) Ethyl Benzene	9.568	91	33302	0.779	ug/l	99
64) m/p-Xylenes	9.690	106	25327	1.505	ug/l	92
65) o-Xylene	10.099	106	12649	0.745	ug/l	100
66) Styrene	10.111	104	19471	0.721	ug/l	98
67) Bromoform	10.288	173	3106	0.719	ug/l #	91
69) Isopropylbenzene	10.481	105	33404	0.753	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.777	83	7638	0.750	ug/l	95
71) 1,2,3-Trichloropropane	10.822	75	3525m	0.480	ug/l	
72) Bromobenzene	10.780	156	8263	0.726	ug/l	92
73) n-propylbenzene	10.902	120	9461	0.769	ug/l	86
74) 2-Chlorotoluene	10.983	126	8756	0.753	ug/l	85
75) 1,3,5-Trimethylbenzene	11.083	105	26812	0.693	ug/l	93
76) 4-Chlorotoluene	11.095	126	8552	0.721	ug/l	88
77) tert-Butylbenzene	11.417	119	27033	0.694	ug/l	97
78) 1,2,4-Trimethylbenzene	11.462	105	27911	0.707	ug/l	98
79) sec-Butylbenzene	11.639	105	37367	0.714	ug/l	96
80) Nitrobenzene	13.211	77	469	1.454	ug/l #	62
81) p-Isopropyltoluene	11.787	119	29283	0.683	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	17588	0.723	ug/l	97
83) 1,4-Dichlorobenzene	11.835	146	18507	0.763	ug/l	99
84) n-Butylbenzene	12.208	91	28300	0.932	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	17582	0.739	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.989	75	737	0.514	ug/l #	69
87) 1,2,4-Trichlorobenzene	13.841	180	10607	0.675	ug/l	96
88) Hexachlorobutadiene	14.018	225	6118	0.729	ug/l	98
89) Naphthalene	14.086	128	16663	0.605	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	8902	0.595	ug/l	96

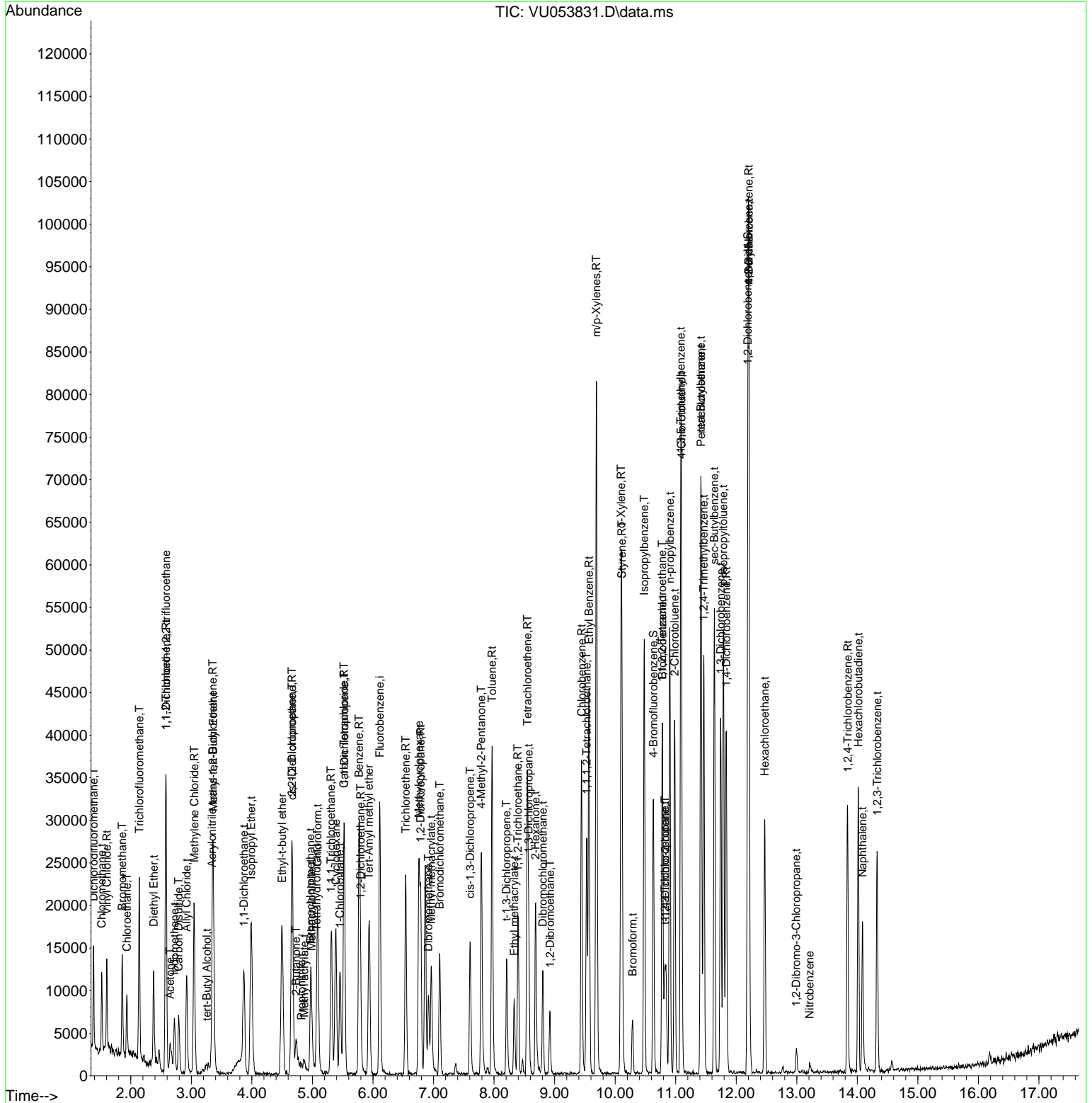
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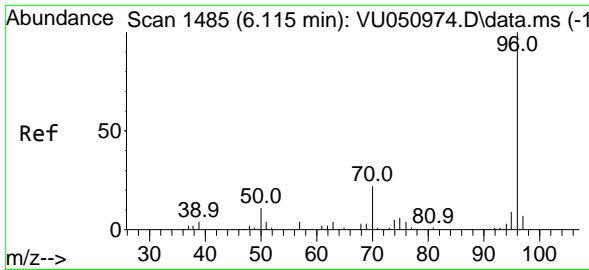
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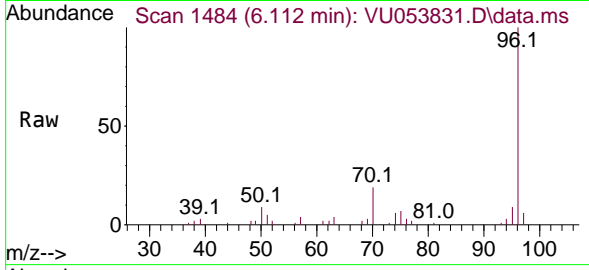
Manual Integrations
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 Supervised By :Mahesh Dadoda 04/28/2023





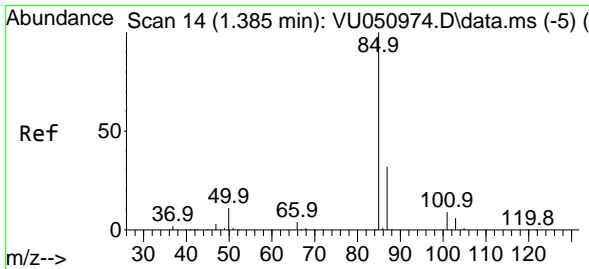
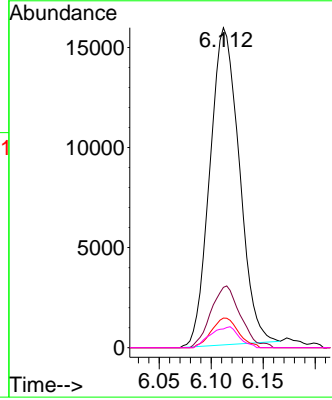
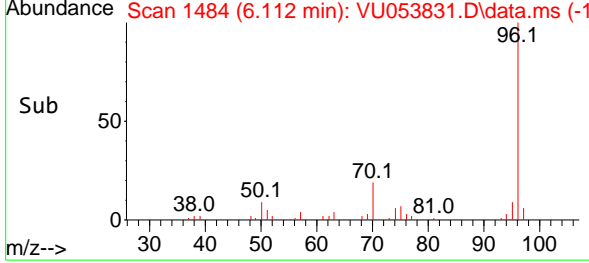
#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 6.112 min Scan# 14
 Delta R.T. 0.004 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

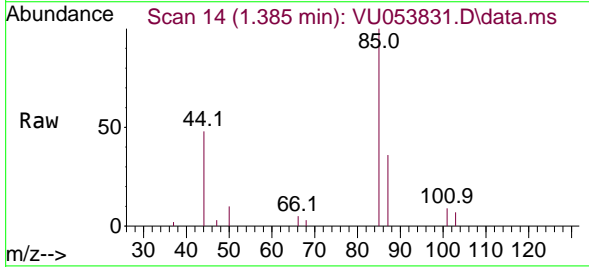


Tgt Ion: 96 Resp: 31214
 Ion Ratio Lower Upper
 96 100
 70 19.5 16.5 24.7
 95 8.5 7.4 11.0
 97 6.4 0.0 0.0#

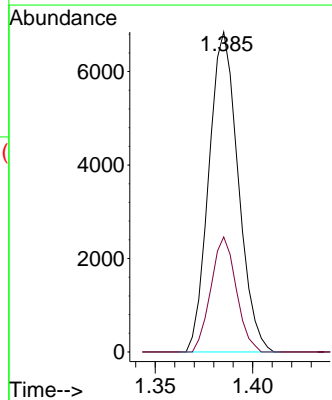
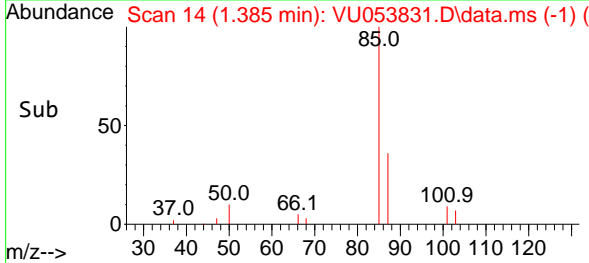
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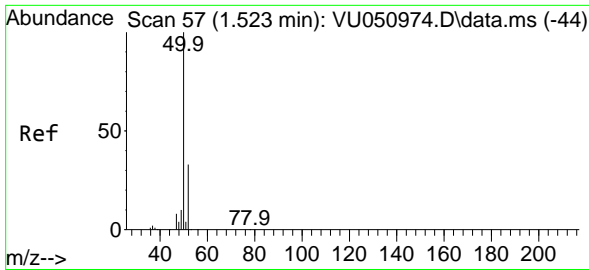


#2
 Dichlorodifluoromethane
 Concen: 0.755 ug/l
 RT: 1.385 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



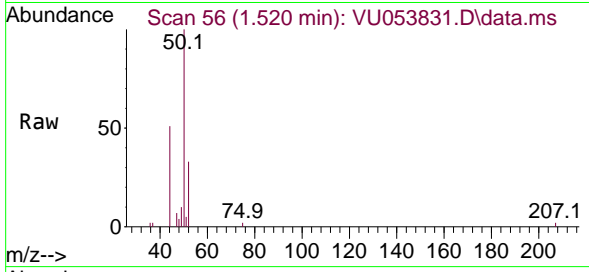
Tgt Ion: 85 Resp: 7148
 Ion Ratio Lower Upper
 85 100
 87 35.9 16.2 48.6





#3
 Chloromethane
 Concen: 0.758 ug/l
 RT: 1.520 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

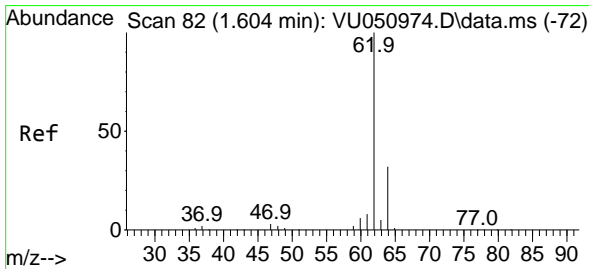
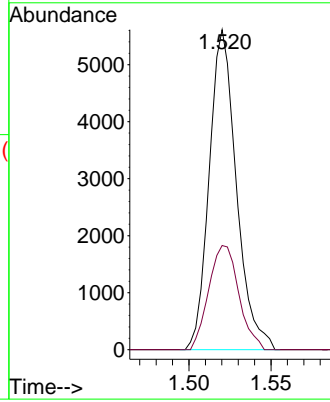
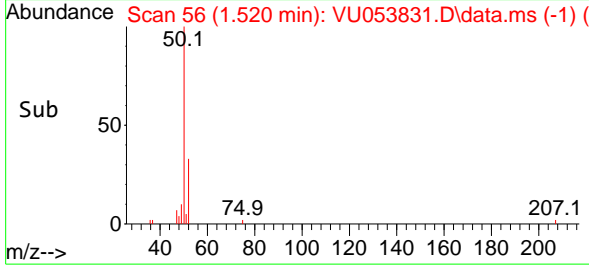
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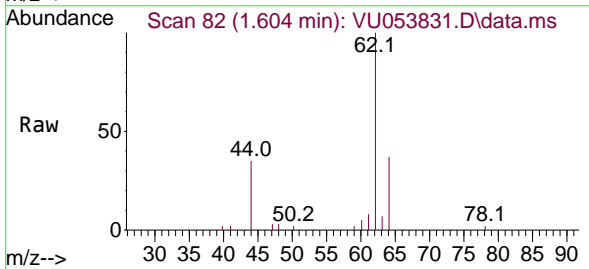
Tgt Ion: 50 Resp: 645
 Ion Ratio Lower Upper
 50 100
 52 32.5 26.6 40.0

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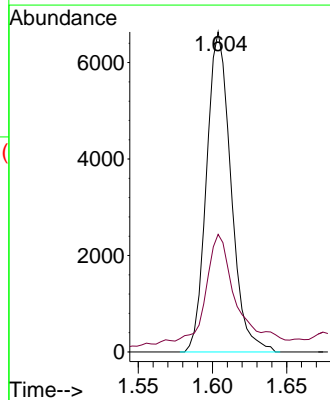
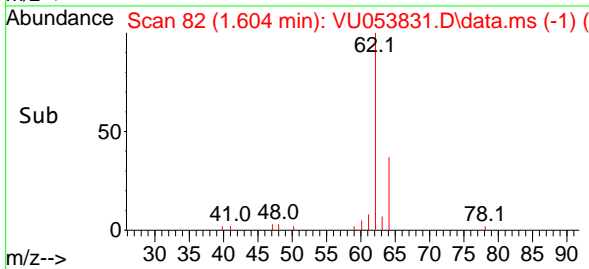
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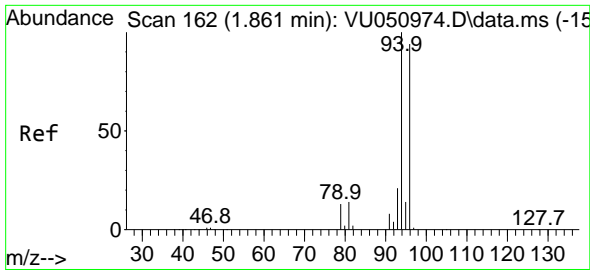


#4
 Vinyl Chloride
 Concen: 0.770 ug/l
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



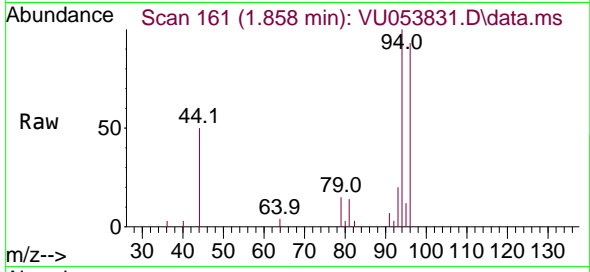
Tgt Ion: 62 Resp: 7587
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.4 38.2





#5
 Bromomethane
 Concen: 0.765 ug/l
 RT: 1.858 min Scan# 161
 Delta R.T. 0.013 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

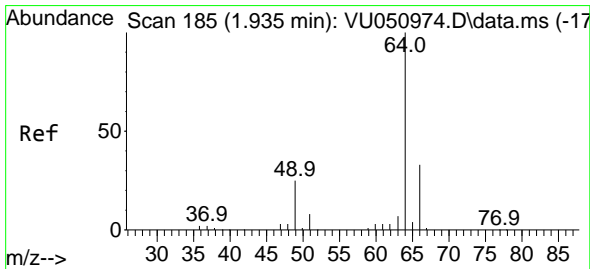
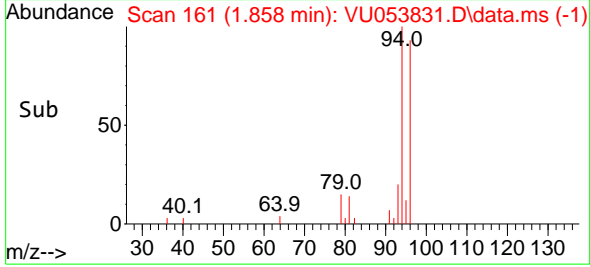
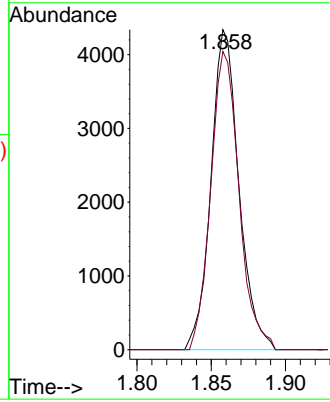
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 94 Resp: 5670
 Ion Ratio Lower Upper
 94 100
 96 93.2 75.4 113.2

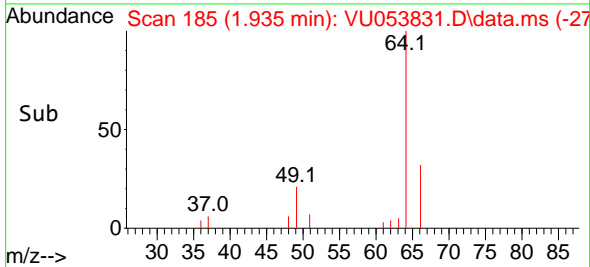
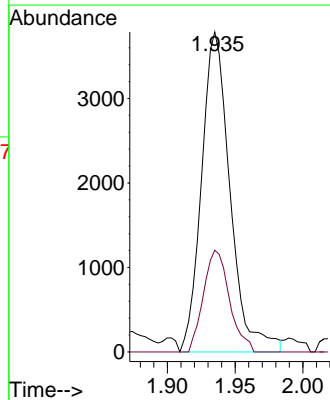
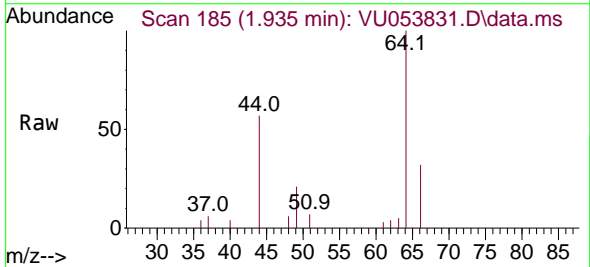
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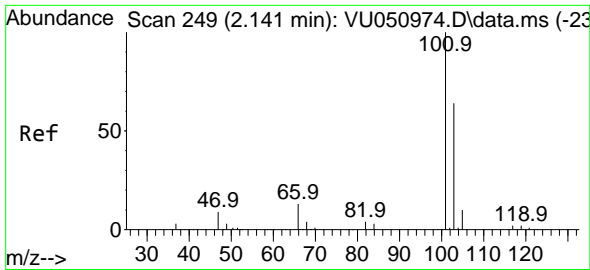
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#6
 Chloroethane
 Concen: 0.880 ug/l
 RT: 1.935 min Scan# 185
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

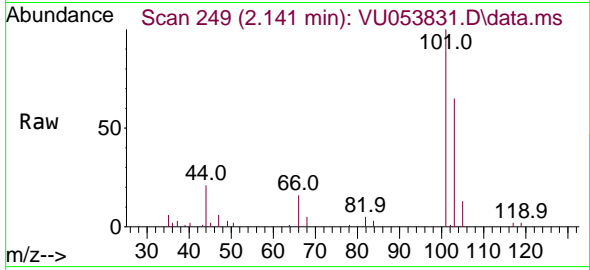
Tgt Ion: 64 Resp: 5548
 Ion Ratio Lower Upper
 64 100
 66 31.8 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 0.770 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.006 min
 Lab File: VU053831.D
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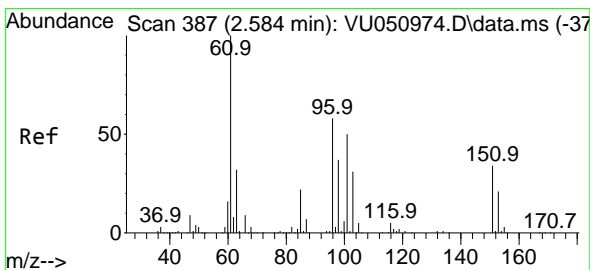
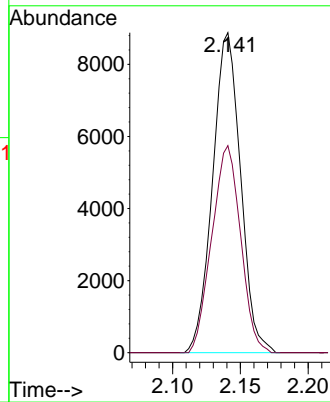
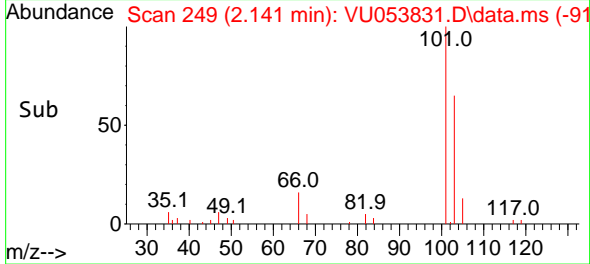
Instrument : MSVOA_U
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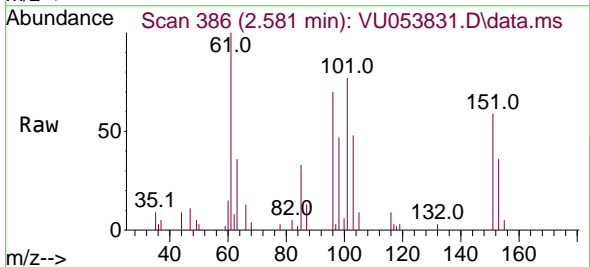
Tgt Ion: 101 Resp: 12730
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0

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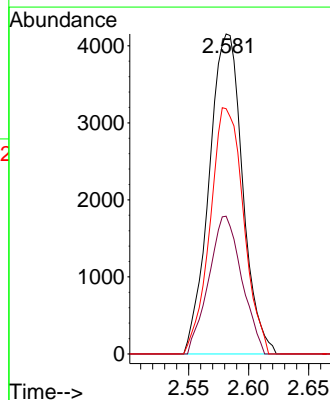
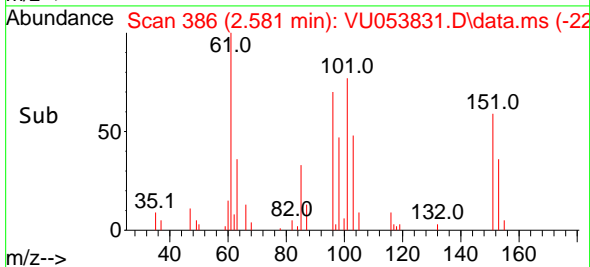
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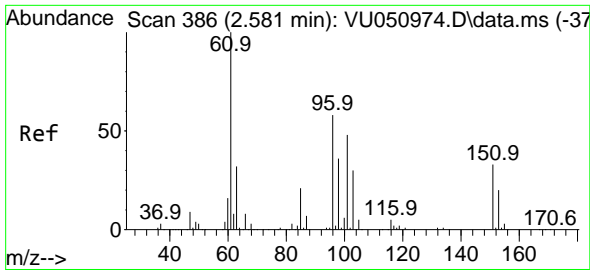


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.748 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
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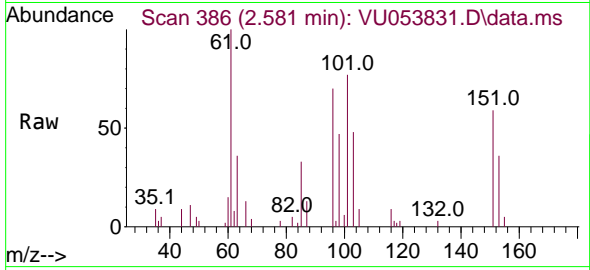
Tgt Ion: 101 Resp: 8055
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.4 53.0
 151 76.8 54.0 81.0





#9
 1,1-Dichloroethene
 Concen: 0.695 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
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Instrument : MSVOA_U
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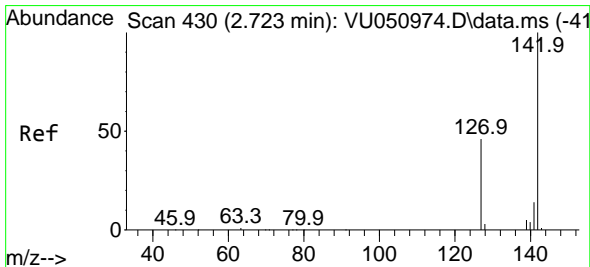
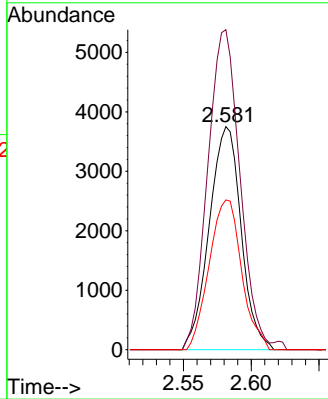
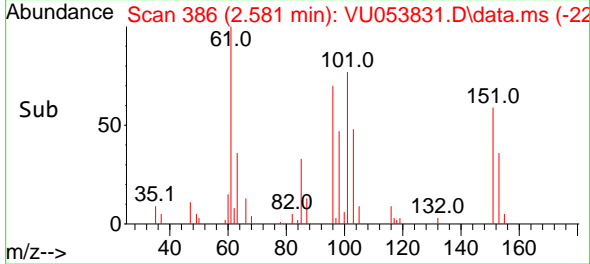


Tgt Ion: 96 Resp: 6129

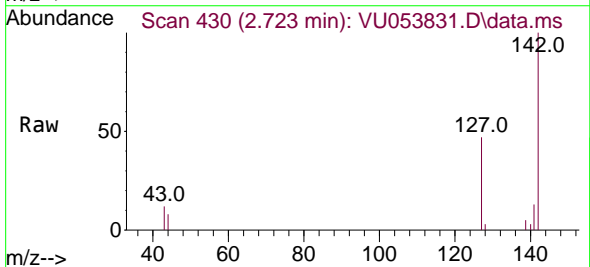
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	521.4
98	67.1	0.0	125.8

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Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

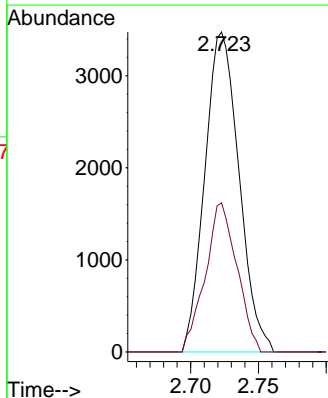
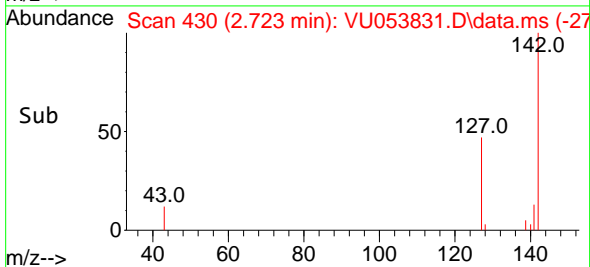


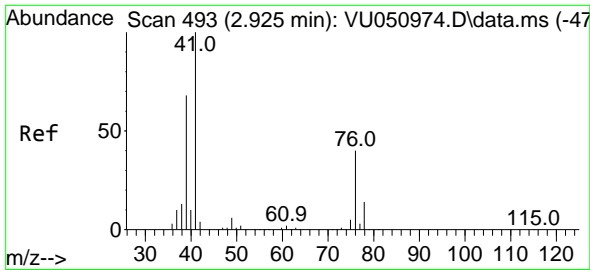
#10
 Iodomethane
 Concen: 0.634 ug/l
 RT: 2.723 min Scan# 430
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion:142 Resp: 6092

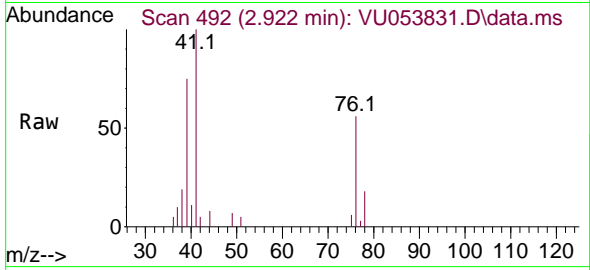
Ion	Ratio	Lower	Upper
142	100		
127	43.2	35.9	53.9





#11
 Allyl Chloride
 Concen: 0.615 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

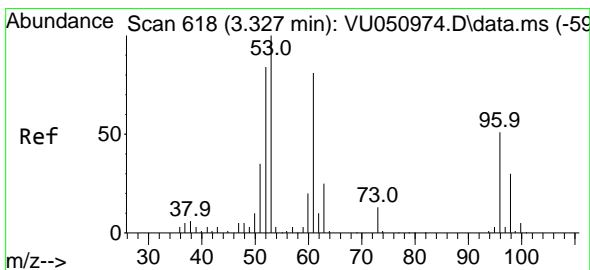
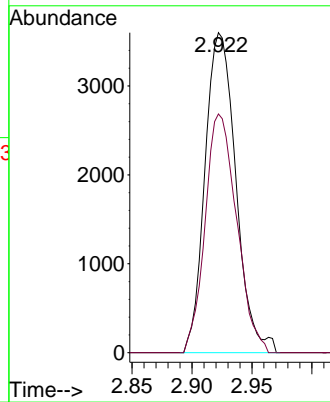
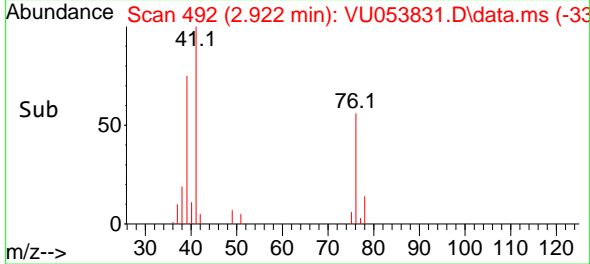
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



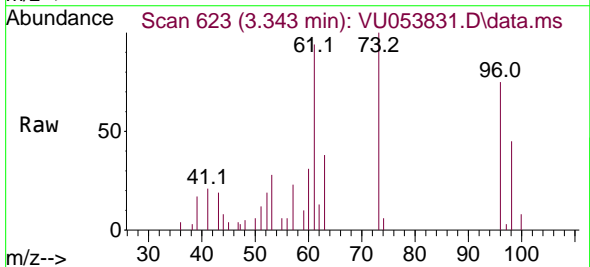
Tgt Ion: 41 Resp: 644
 Ion Ratio Lower Upper
 41 100
 39 76.3 54.2 81.2

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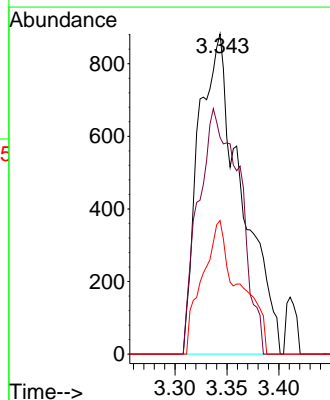
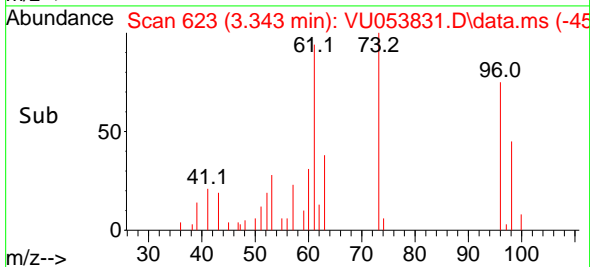
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

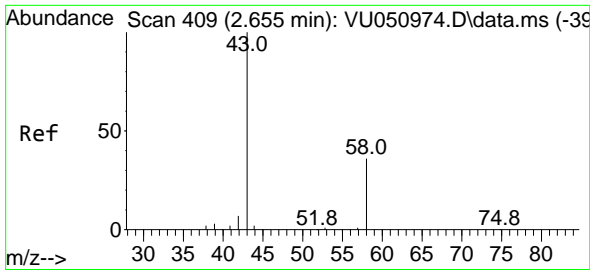


#12
 Acrylonitrile
 Concen: 1.147 ug/l
 RT: 3.343 min Scan# 623
 Delta R.T. 0.035 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



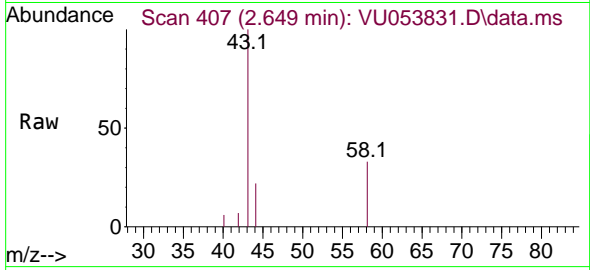
Tgt Ion: 53 Resp: 2527
 Ion Ratio Lower Upper
 53 100
 52 74.1 62.9 94.3
 51 36.3 27.8 41.6





#13
 Acetone
 Concen: 2.561 ug/l m
 RT: 2.649 min Scan# 407
 Delta R.T. 0.029 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

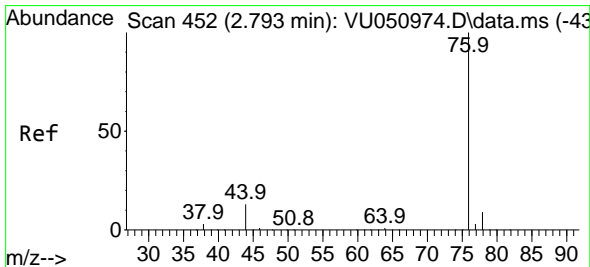
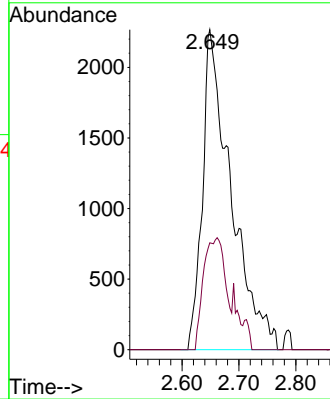
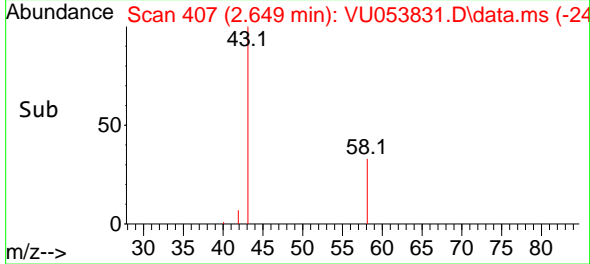
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



Tgt Ion: 43 Resp: 7890
 Ion Ratio Lower Upper
 43 100
 58 33.4 29.0 43.4

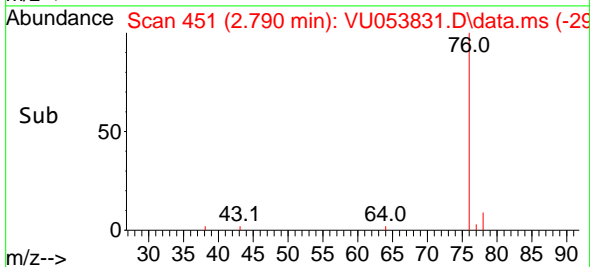
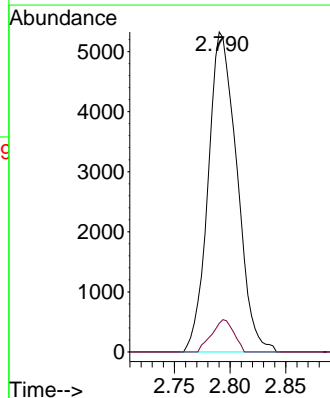
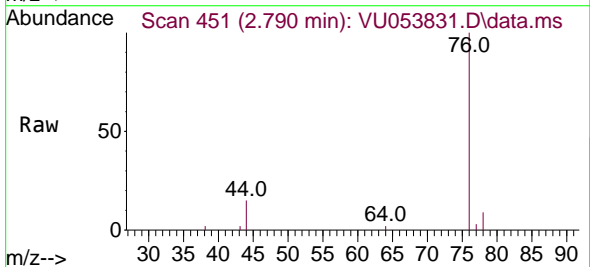
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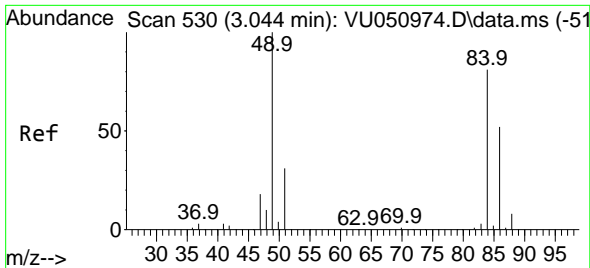
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#14
 Carbon Disulfide
 Concen: 0.661 ug/l
 RT: 2.790 min Scan# 451
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

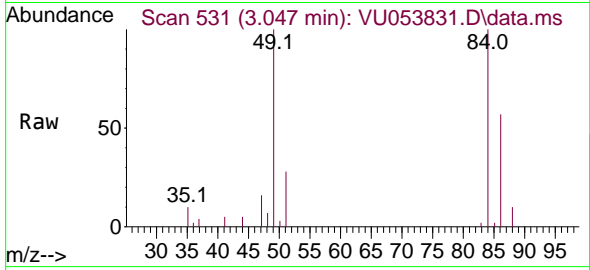
Tgt Ion: 76 Resp: 9574
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.4 11.0





#15
 Methylene Chloride
 Concen: 0.796 ug/l
 RT: 3.047 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

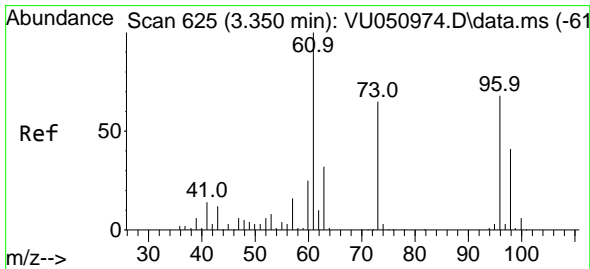
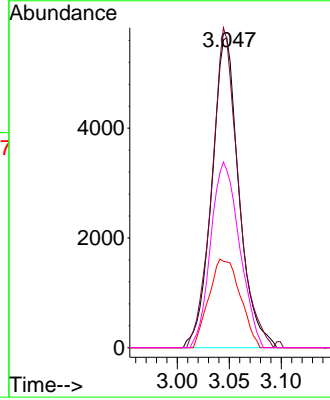
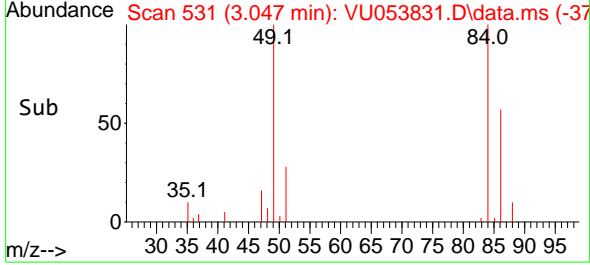
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



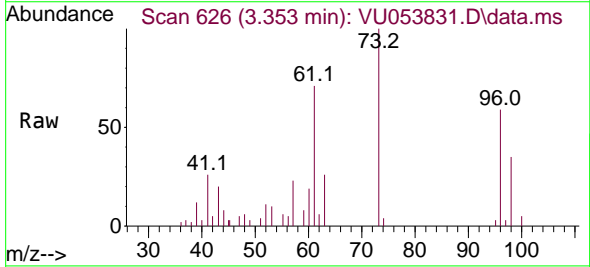
Tgt Ion: 84 Resp: 1028
 Ion Ratio Lower Upper
 84 100
 49 99.7 98.9 148.3
 51 27.7 0.0 75.4
 86 57.3 51.3 76.9

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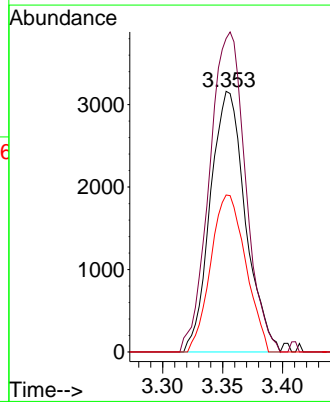
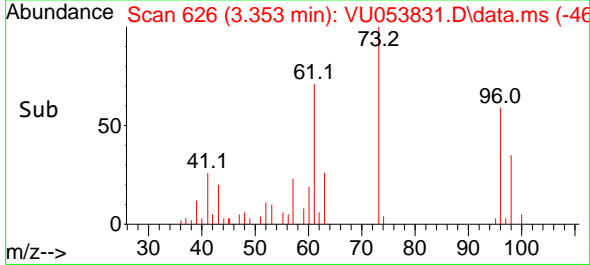
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

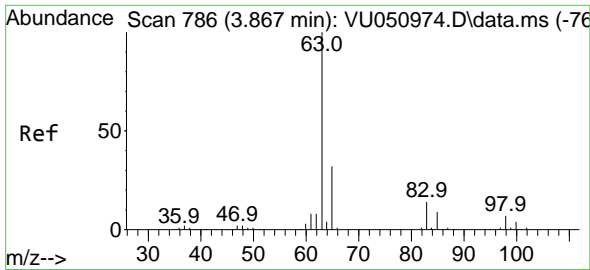


#16
 trans-1,2-Dichloroethene
 Concen: 0.675 ug/l
 RT: 3.353 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



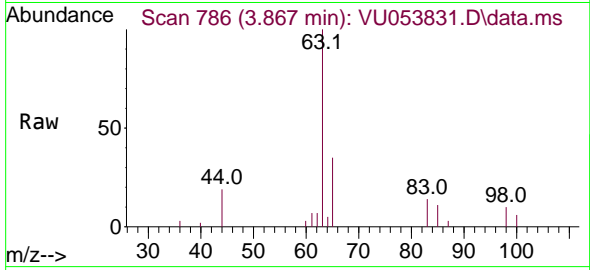
Tgt Ion: 96 Resp: 6436
 Ion Ratio Lower Upper
 96 100
 61 120.2 117.5 176.3
 98 60.2 48.3 72.5





#17
 1,1-Dichloroethane
 Concen: 0.688 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

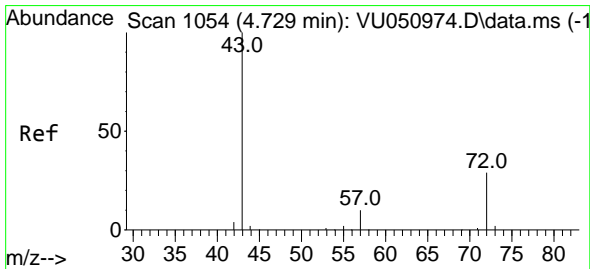
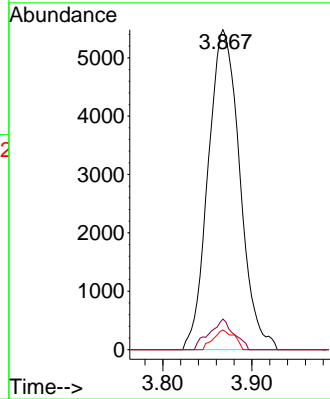
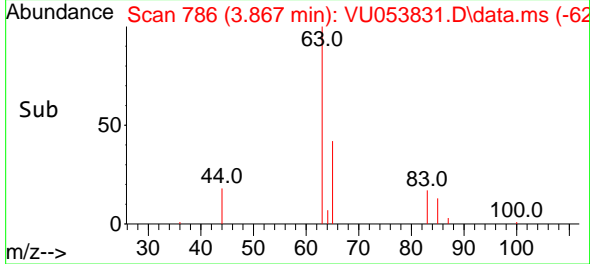


Tgt Ion: 63 Resp: 13530

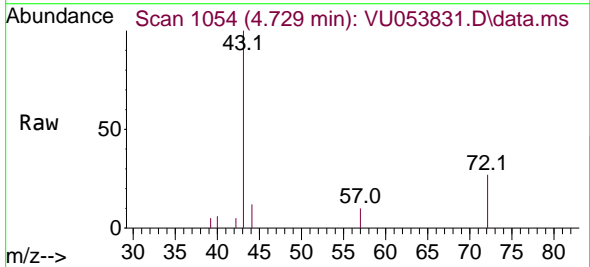
Ion	Ratio	Lower	Upper
63	100		
98	9.6	3.4	10.1
100	6.1	2.2	6.6

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 Supervised By :Mahesh Dadoda 04/28/2023

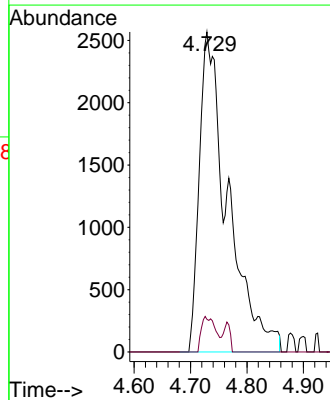
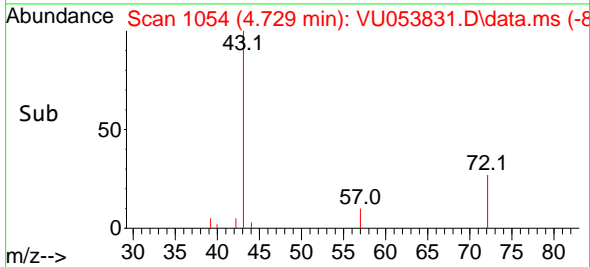


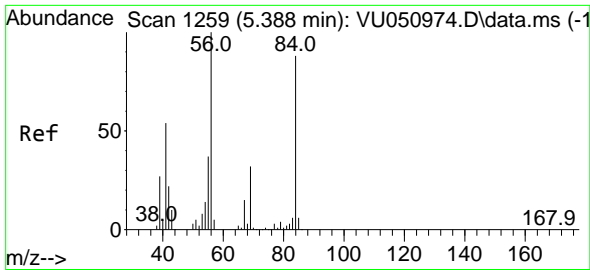
#18
 2-Butanone
 Concen: 2.236 ug/l m
 RT: 4.729 min Scan# 1054
 Delta R.T. 0.016 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion: 43 Resp: 8927

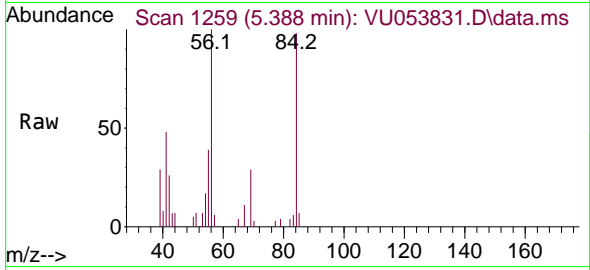
Ion	Ratio	Lower	Upper
43	100		
57	10.2	0.0	19.6





#19
 Cyclohexane
 Concen: 0.598 ug/l m
 RT: 5.388 min Scan# 1259
 Delta R.T. 0.013 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

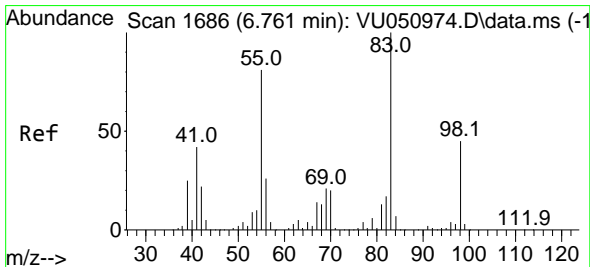
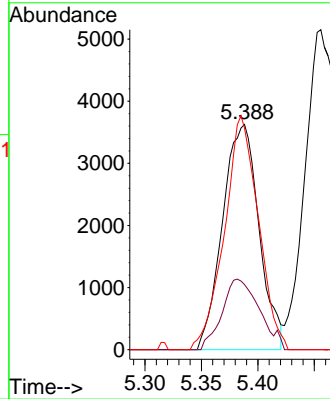
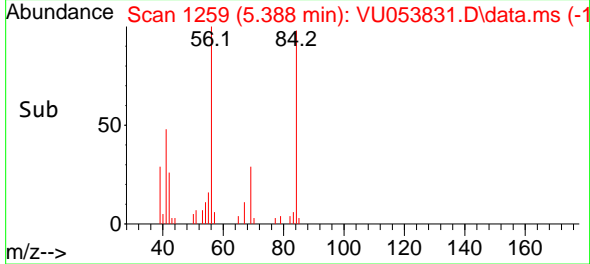
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



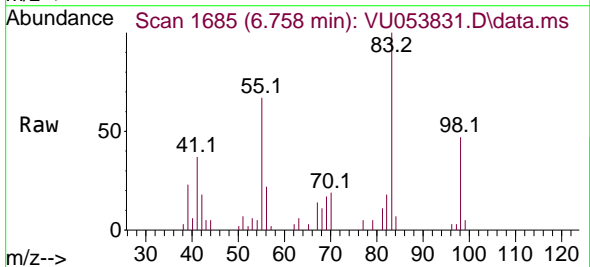
Tgt Ion: 56 Resp: 814
 Ion Ratio Lower Upper
 56 100
 69 32.0 24.6 37.0
 84 96.5 68.4 102.6

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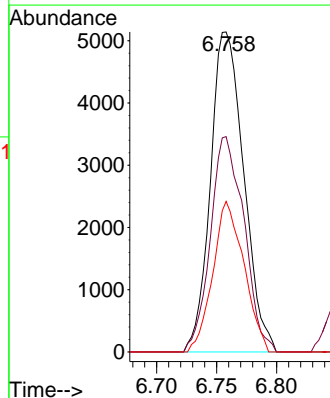
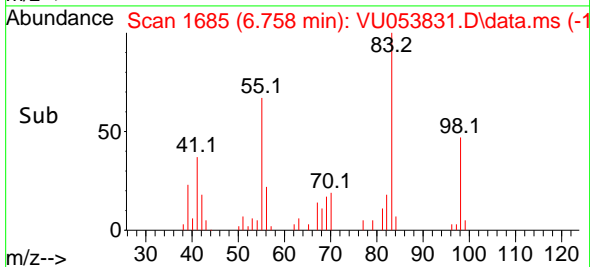
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

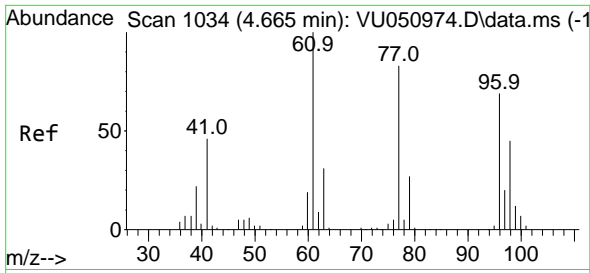


#20
 Methylcyclohexane
 Concen: 0.813 ug/l
 RT: 6.758 min Scan# 1685
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



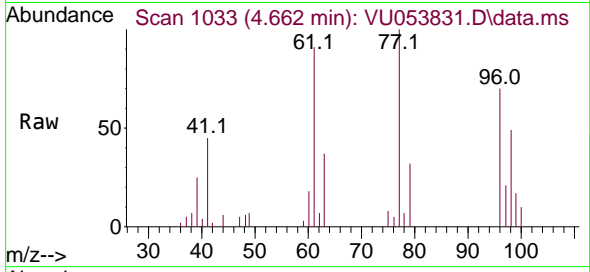
Tgt Ion: 83 Resp: 9932
 Ion Ratio Lower Upper
 83 100
 55 67.9 63.5 95.3
 98 43.9 36.0 54.0





#21
 2,2-Dichloropropane
 Concen: 0.665 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

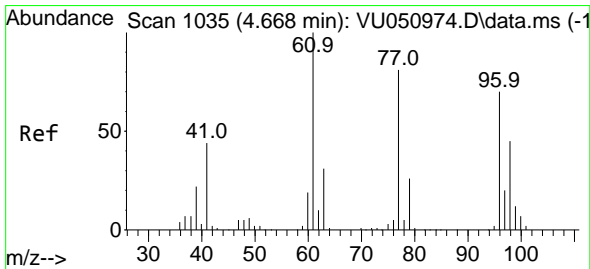
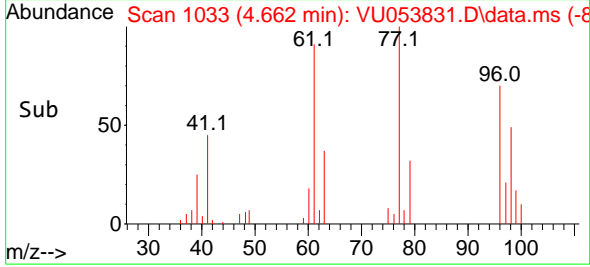
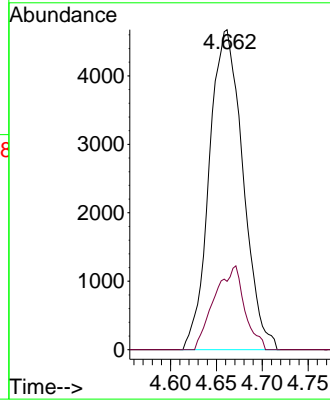
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 77 Resp: 1189
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.4 27.6

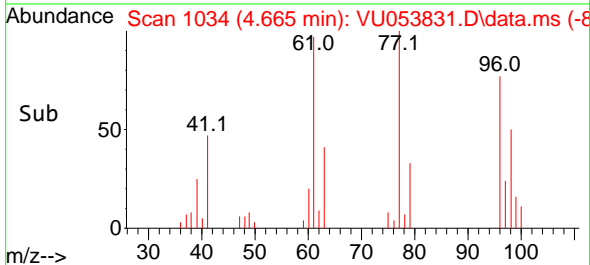
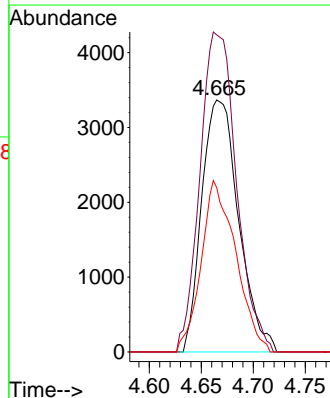
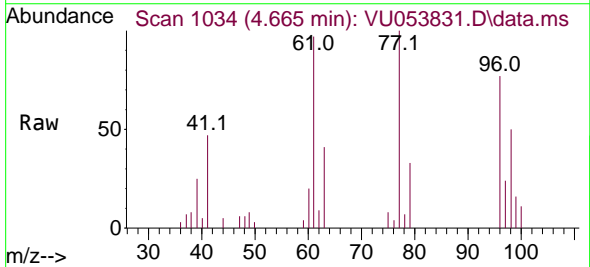
Manual Integrations
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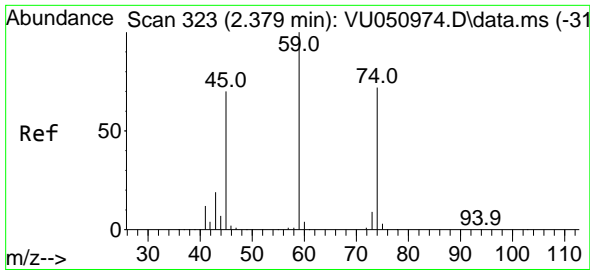
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#22
 cis-1,2-Dichloroethene
 Concen: 0.697 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

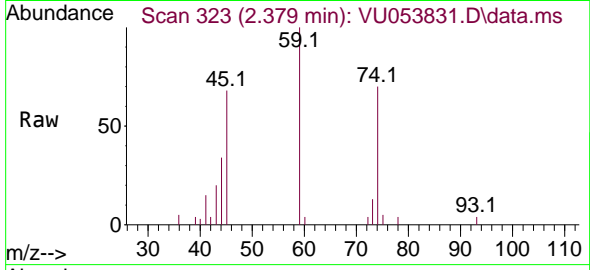
Tgt Ion: 96 Resp: 8319
 Ion Ratio Lower Upper
 96 100
 61 125.6 0.0 365.8
 98 63.6 32.0 96.0





#23
 Diethyl Ether
 Concen: 0.784 ug/l
 RT: 2.379 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

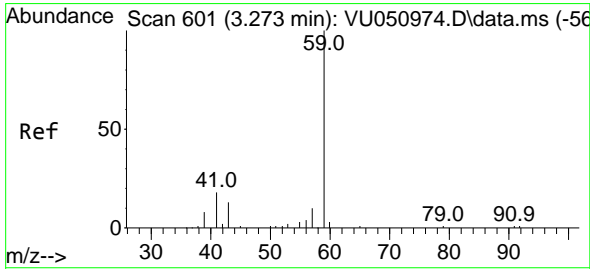
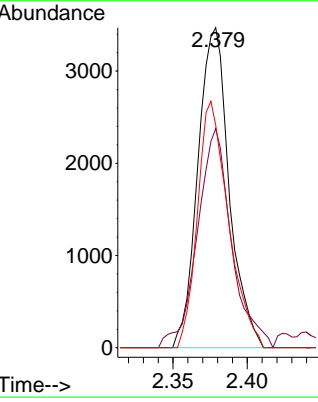
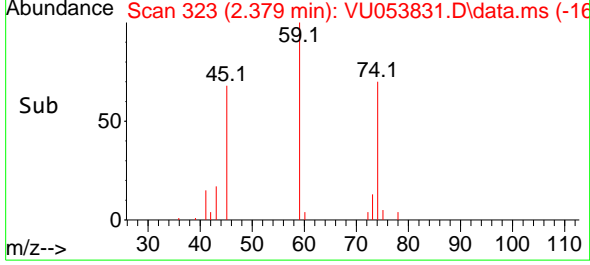
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



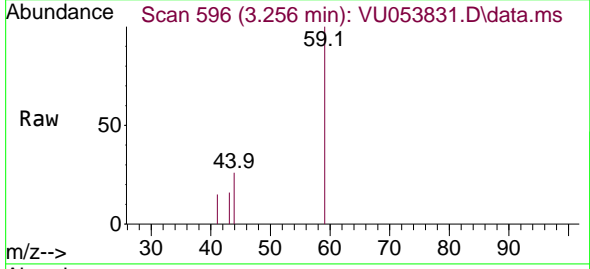
Tgt Ion: 59 Resp: 5090
 Ion Ratio Lower Upper
 59 100
 45 74.1 56.1 84.1
 74 75.8 57.4 86.2

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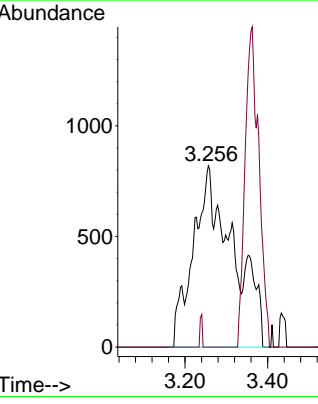
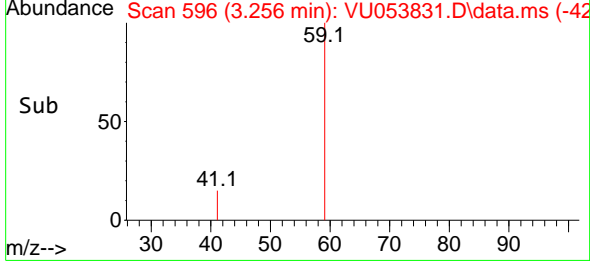
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

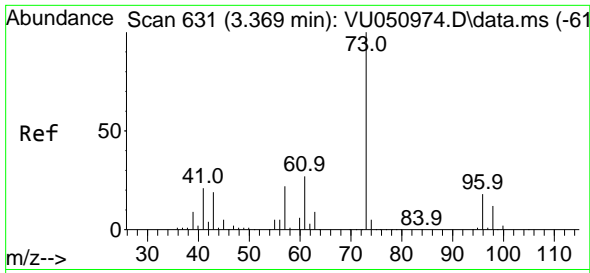


#24
 tert-Butyl Alcohol
 Concen: 6.177 ug/l m
 RT: 3.256 min Scan# 596
 Delta R.T. 0.067 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



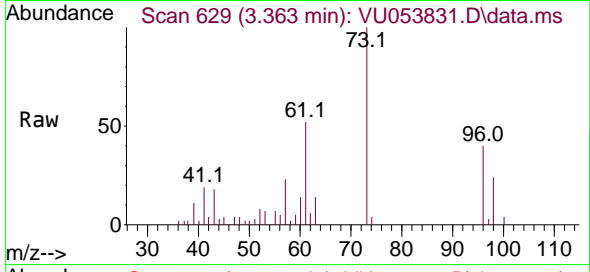
Tgt Ion: 59 Resp: 5469
 Ion Ratio Lower Upper
 59 100
 57 0.0 105.6 158.4#





#25
 Methyl tert-Butyl Ether
 Concen: 0.647 ug/l
 RT: 3.363 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

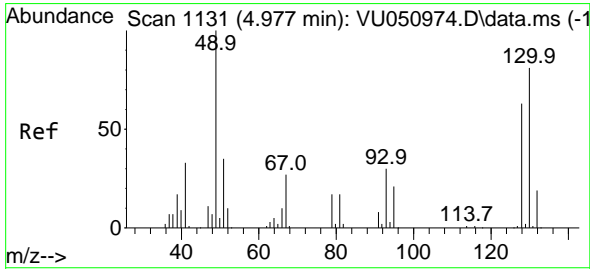
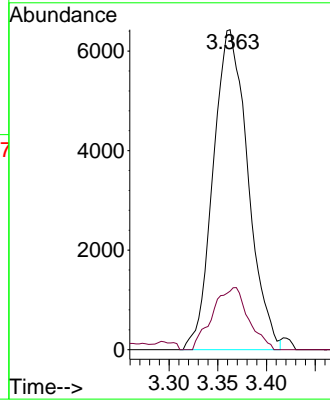
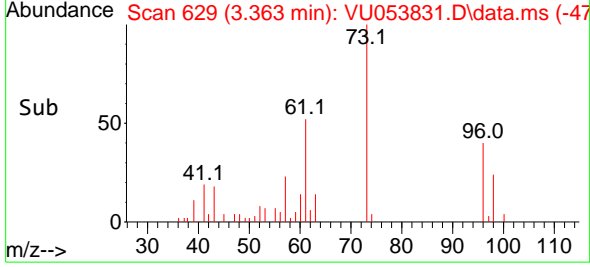
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



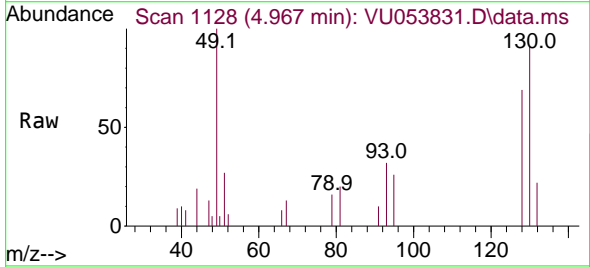
Tgt Ion: 73 Resp: 15918
 Ion Ratio Lower Upper
 73 100
 43 20.0 15.0 22.6

Manual Integrations
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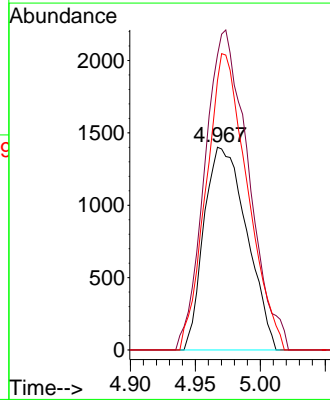
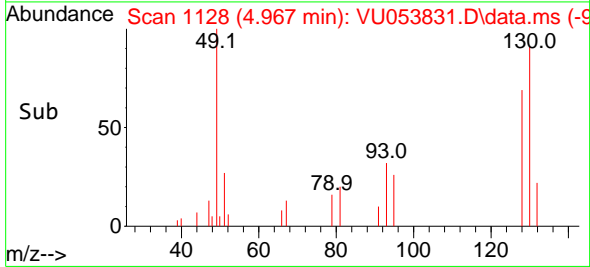
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

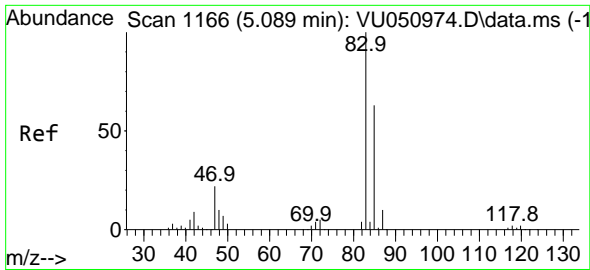


#26
 Bromochloromethane
 Concen: 0.608 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



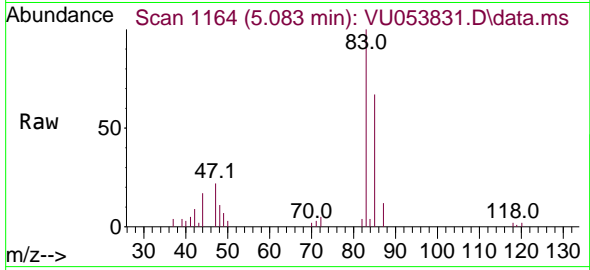
Tgt Ion:128 Resp: 3210
 Ion Ratio Lower Upper
 128 100
 49 160.7 0.0 324.6
 130 140.9 103.0 154.4





#27
 Chloroform
 Concen: 0.712 ug/l
 RT: 5.083 min Scan# 1166
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

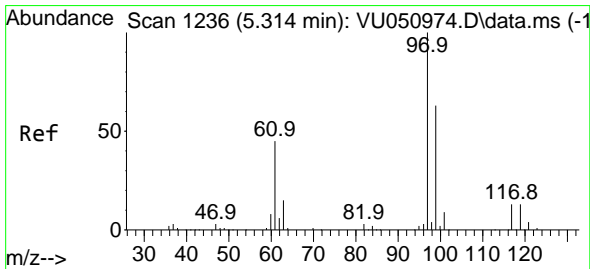
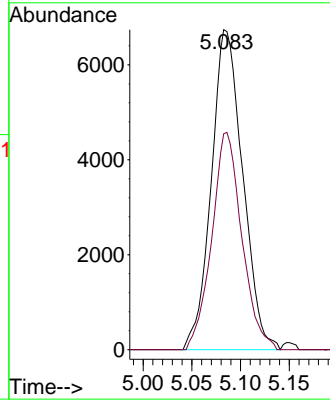
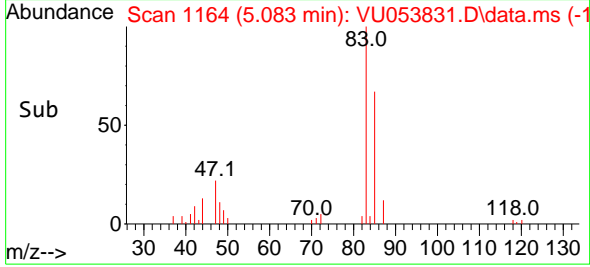
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



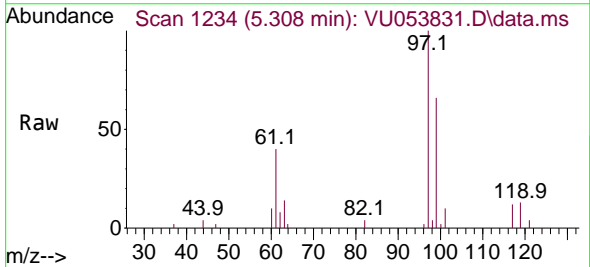
Tgt Ion: 83 Resp: 1511
 Ion Ratio Lower Upper
 83 100
 85 67.5 0.0 126.4

Manual Integrations
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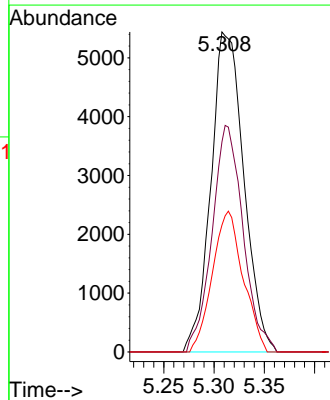
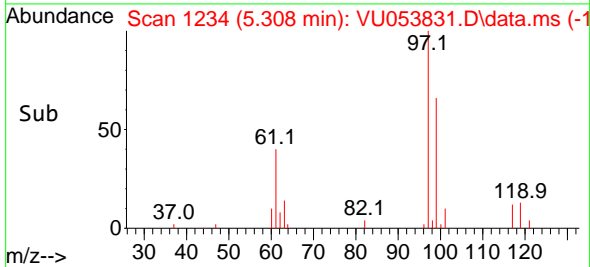
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

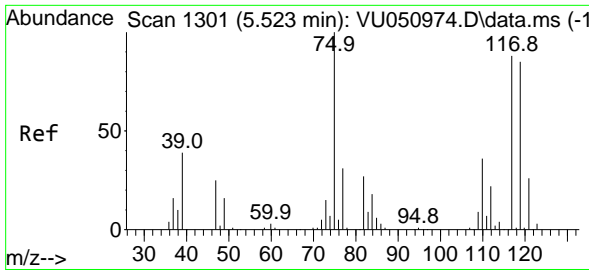


#28
 1,1,1-Trichloroethane
 Concen: 0.705 ug/l
 RT: 5.308 min Scan# 1234
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



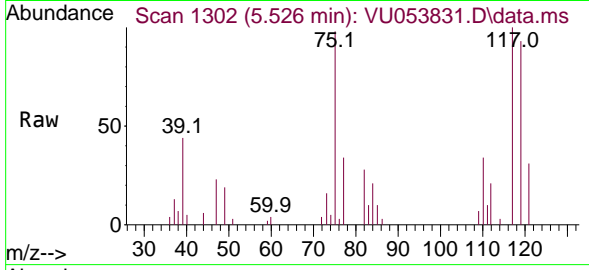
Tgt Ion: 97 Resp: 12413
 Ion Ratio Lower Upper
 97 100
 99 66.7 32.0 96.2
 61 41.1 22.9 68.5





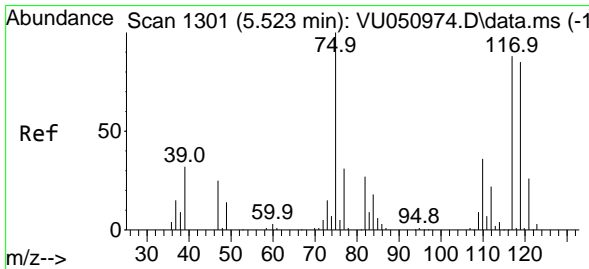
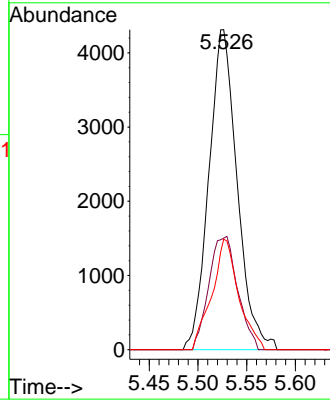
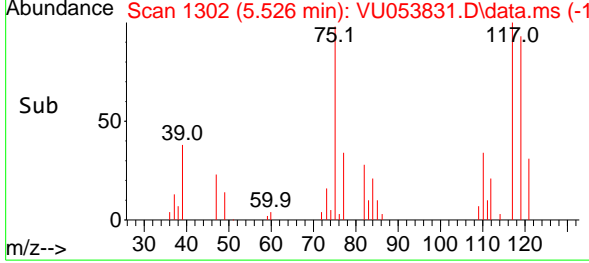
#29
 1,1-Dichloropropene
 Concen: 0.777 ug/l
 RT: 5.526 min Scan# 111
 Delta R.T. 0.010 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

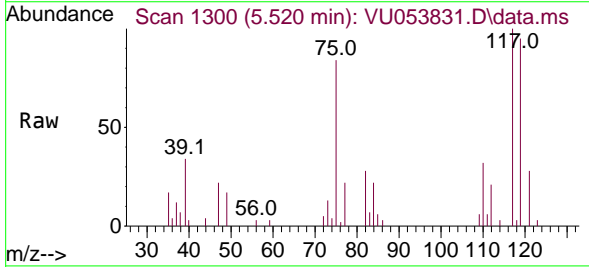


Tgt Ion: 75 Resp: 870
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.0 54.0
 77 32.7 24.7 37.1

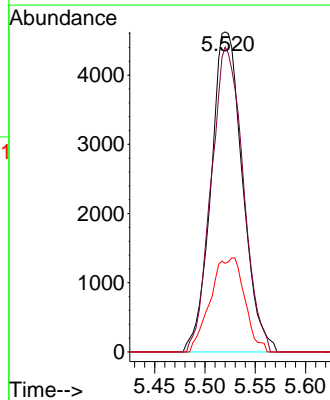
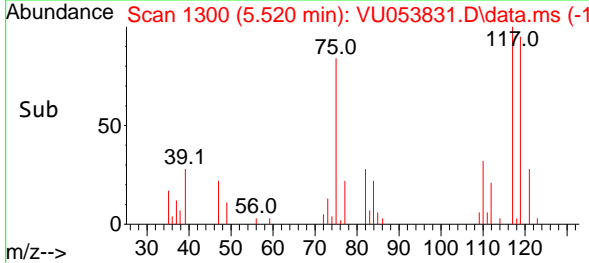
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 Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

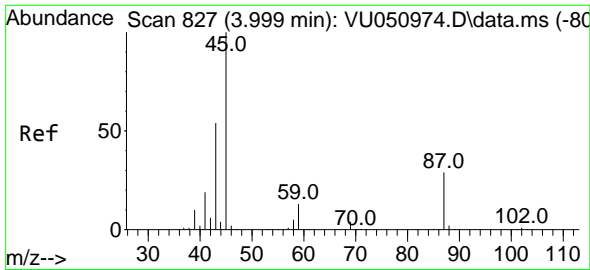


#30
 Carbon Tetrachloride
 Concen: 0.800 ug/l
 RT: 5.520 min Scan# 1300
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



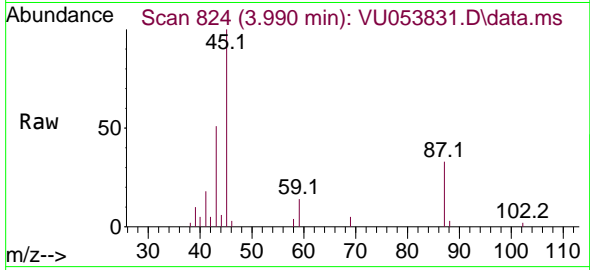
Tgt Ion:117 Resp: 10075
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.4 116.0
 121 27.7 24.0 36.0





#31
 Isopropyl Ether
 Concen: 0.639 ug/l
 RT: 3.990 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

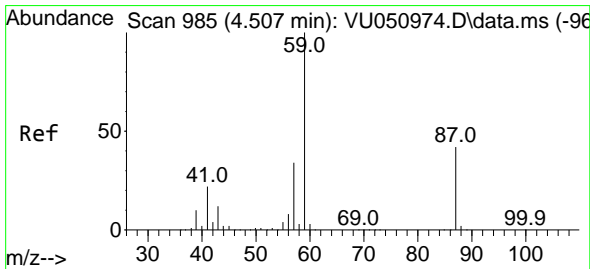
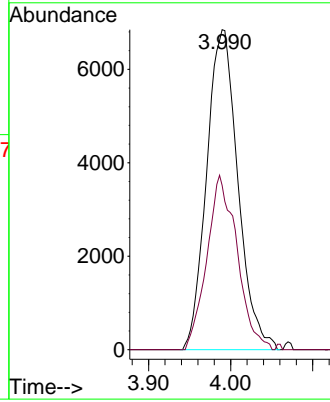
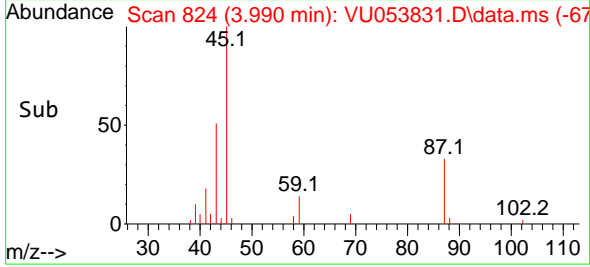
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



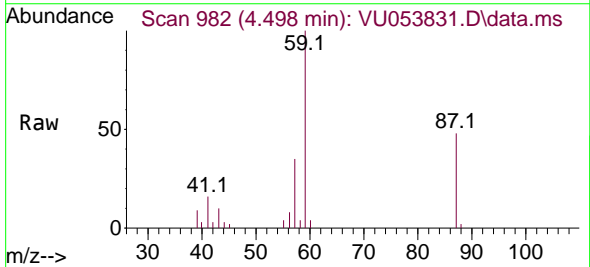
Tgt Ion: 45 Resp: 1816
 Ion Ratio Lower Upper
 45 100
 43 52.6 27.5 82.5

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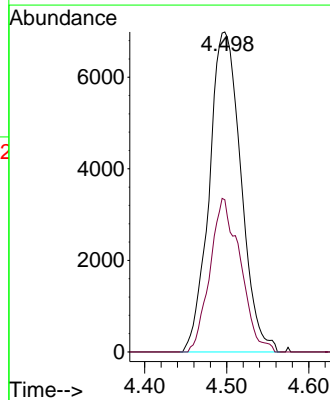
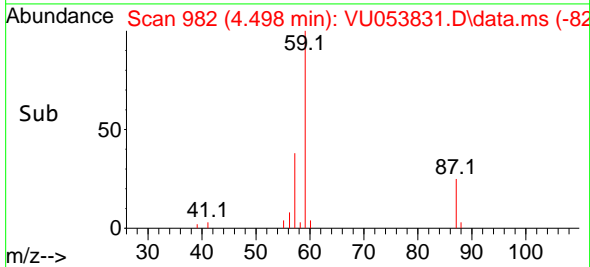
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

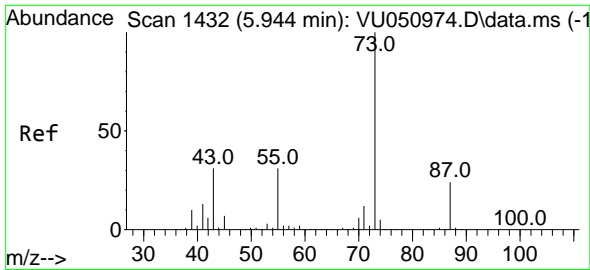


#32
 Ethyl-t-butyl ether
 Concen: 0.652 ug/l
 RT: 4.498 min Scan# 982
 Delta R.T. -0.009 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



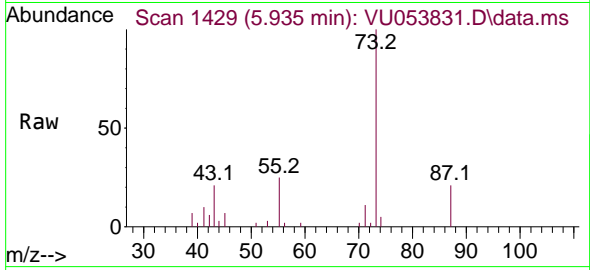
Tgt Ion: 59 Resp: 18774
 Ion Ratio Lower Upper
 59 100
 87 46.0 33.5 50.3





#33
 Tert-Amyl methyl ether
 Concen: 0.804 ug/l
 RT: 5.935 min Scan# 1432
 Delta R.T. -0.009 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

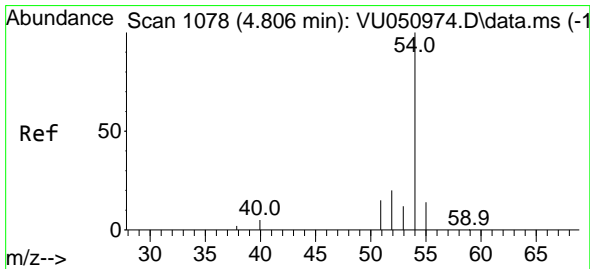
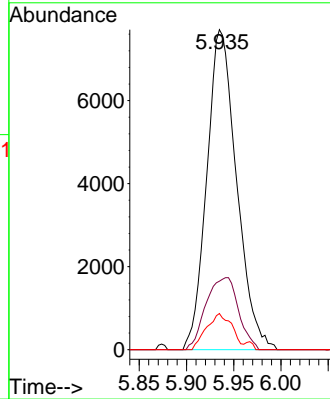
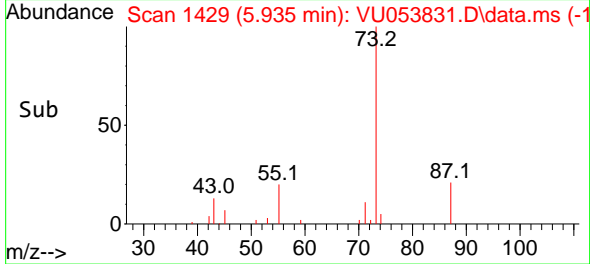
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



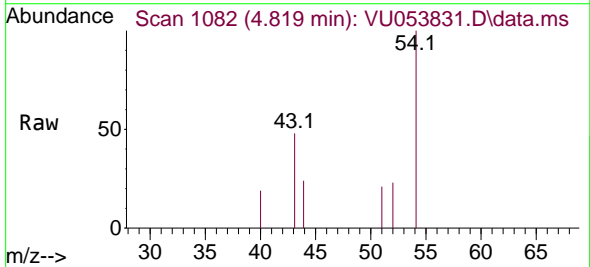
Tgt Ion: 73 Resp: 1690
 Ion Ratio Lower Upper
 73 100
 87 24.6 18.6 28.0
 71 8.4 9.9 14.9

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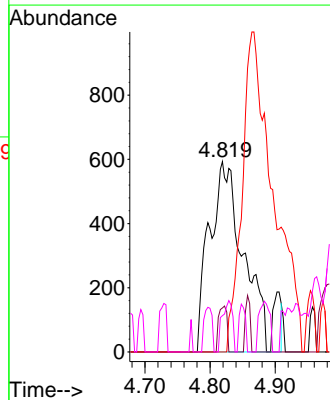
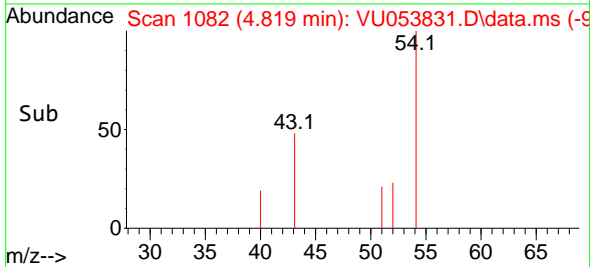
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

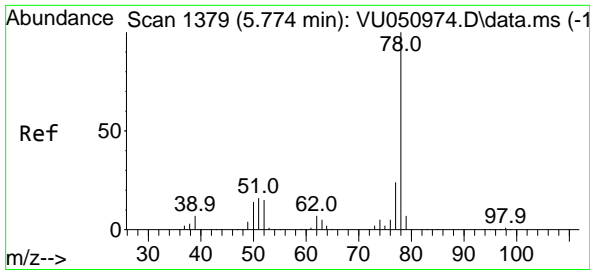


#34
 Propionitrile
 Concen: 2.576 ug/l m
 RT: 4.819 min Scan# 1082
 Delta R.T. 0.042 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion: 54 Resp: 2300
 Ion Ratio Lower Upper
 54 100
 52 0.0 17.4 26.0#
 55 0.0 104.1 156.1#
 40 5.2 2.4 3.6#





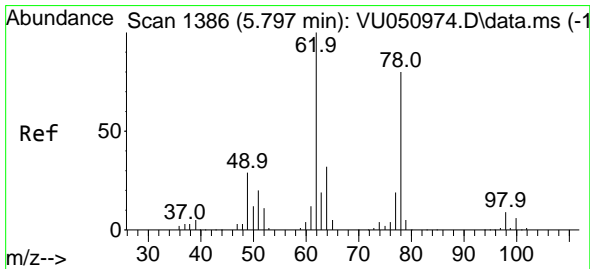
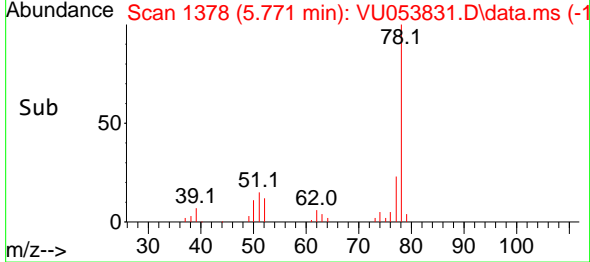
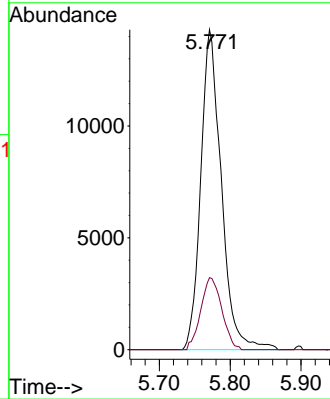
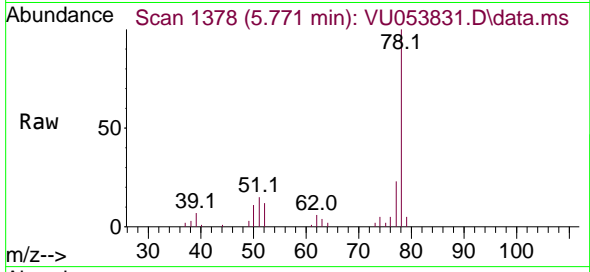
#35
Benzene
Concen: 0.835 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053831.D
Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
Client Sample Id : MDL-WATER-03-QT2-2023

Tgt Ion: 78 Resp: 2880
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

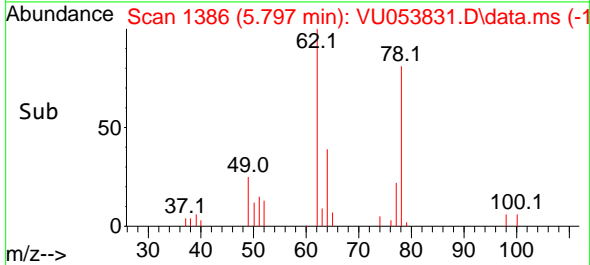
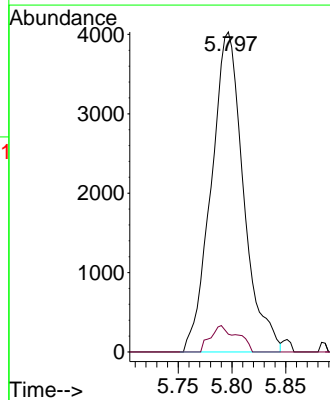
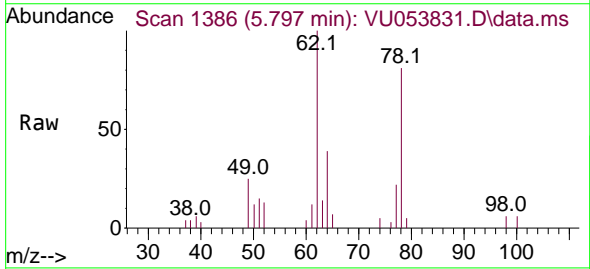
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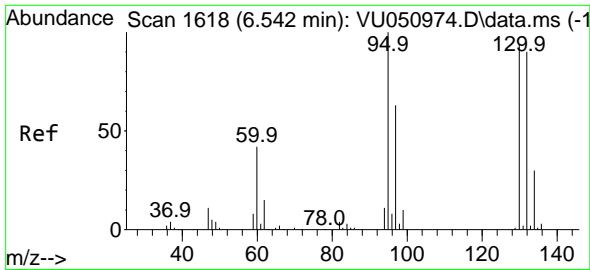
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,2-Dichloroethane
Concen: 0.776 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU053831.D
Acq: 21 Apr 2023 17:55

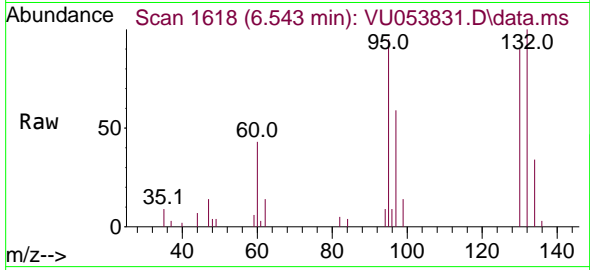
Tgt Ion: 62 Resp: 8411
Ion Ratio Lower Upper
62 100
98 6.9 7.3 10.9#





#37
 Trichloroethene
 Concen: 0.788 ug/l
 RT: 6.543 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

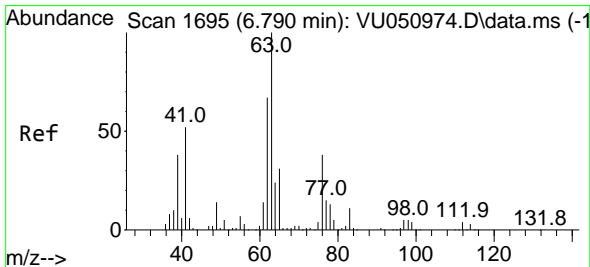
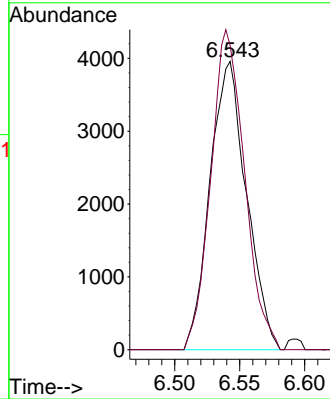
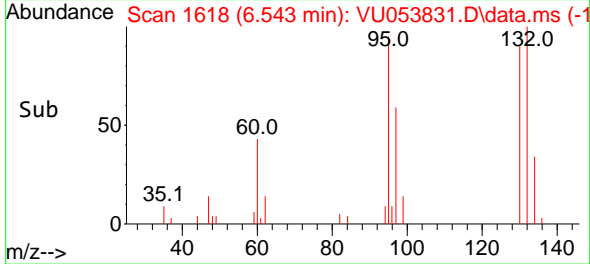
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



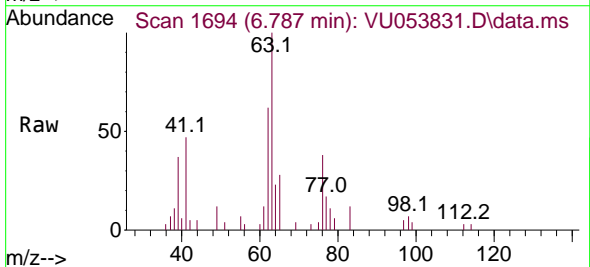
Tgt Ion:130 Resp: 772
 Ion Ratio Lower Upper
 130 100
 95 105.5 85.0 127.6

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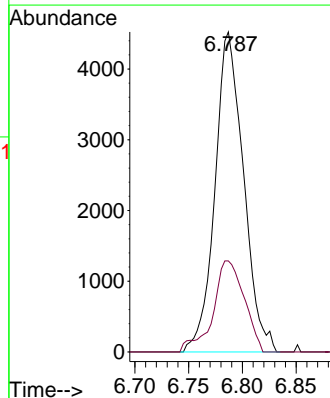
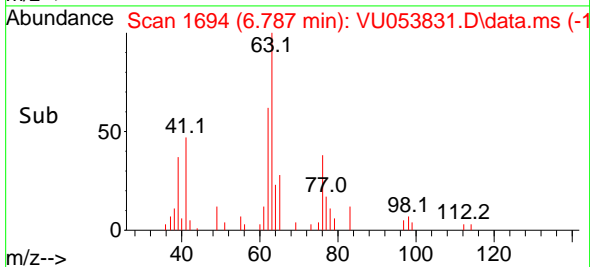
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

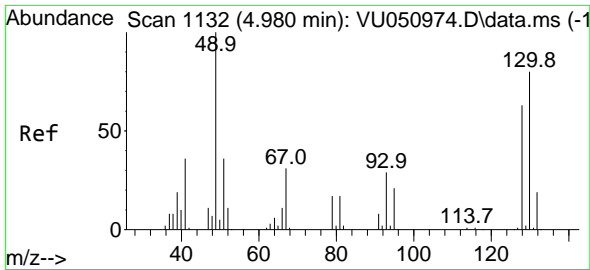


#38
 1,2-Dichloropropane
 Concen: 0.850 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



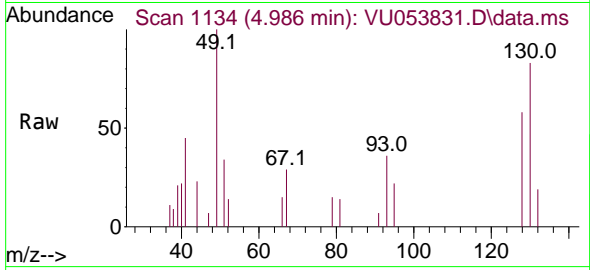
Tgt Ion: 63 Resp: 8352
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.9 37.3





#39
 Methacrylonitrile
 Concen: 0.434 ug/l
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.013 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

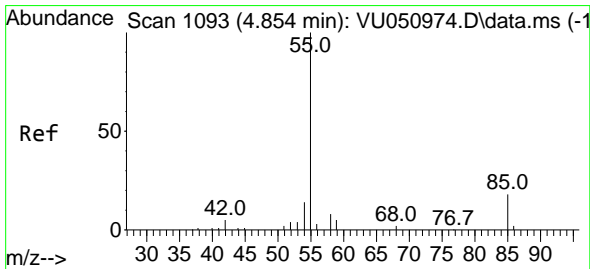
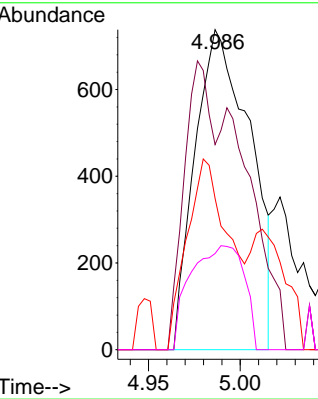
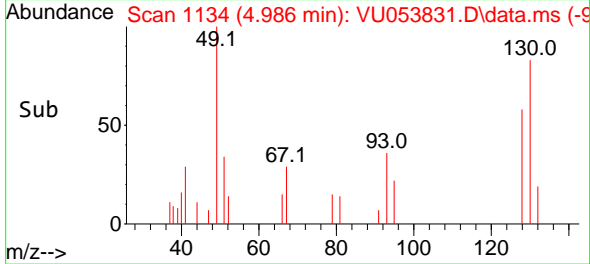
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



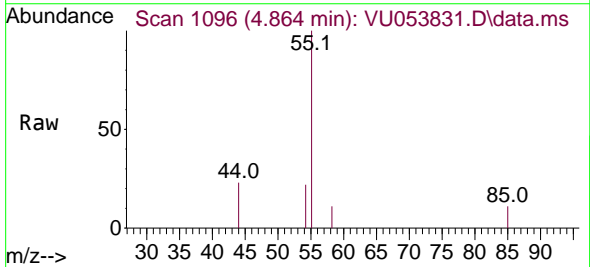
Tgt Ion: 41 Resp: 1540

Ion	Ratio	Lower	Upper
41	100		
67	47.2	66.8	100.2
39	45.5	41.2	61.8
52	31.5	25.1	37.7

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 Supervised By :Mahesh Dadoda 04/28/2023

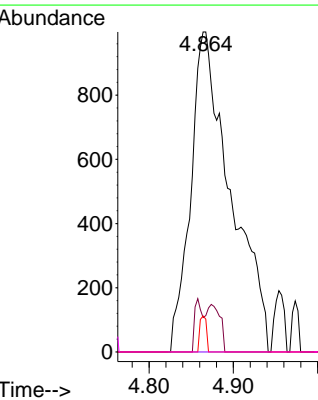
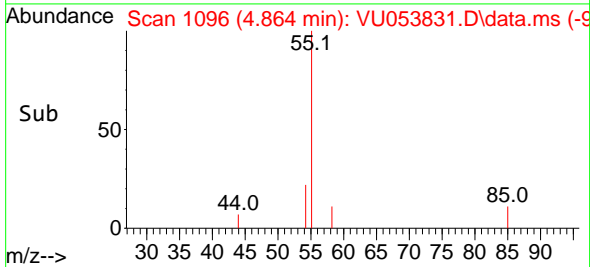


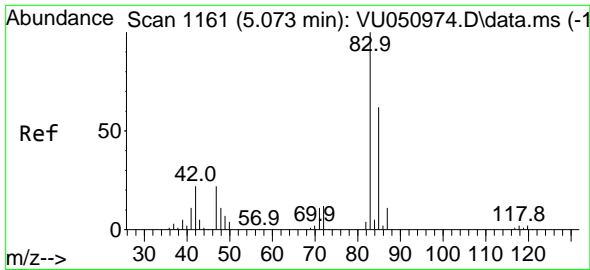
#40
 Methyl acrylate
 Concen: 0.561 ug/l
 RT: 4.864 min Scan# 1096
 Delta R.T. 0.019 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion: 55 Resp: 3298

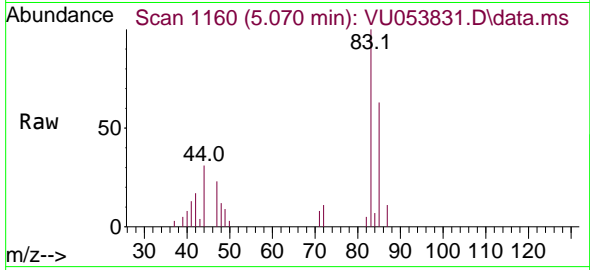
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	1.8	6.5	9.7#
42	5.1	5.9	8.9#





#41
 Tetrahydrofuran
 Concen: 0.764 ug/l
 RT: 5.070 min Scan# 1161
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

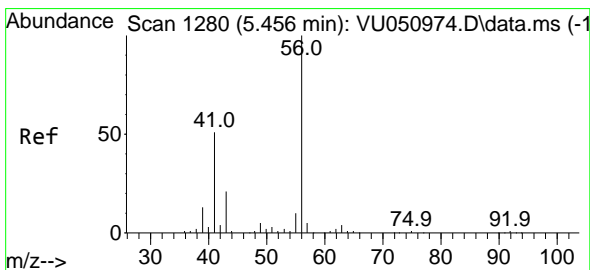
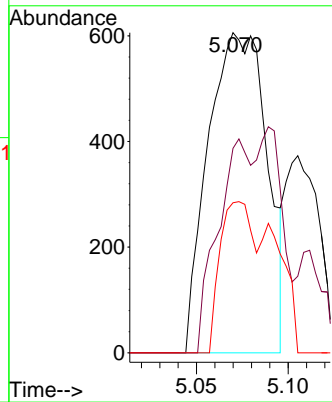
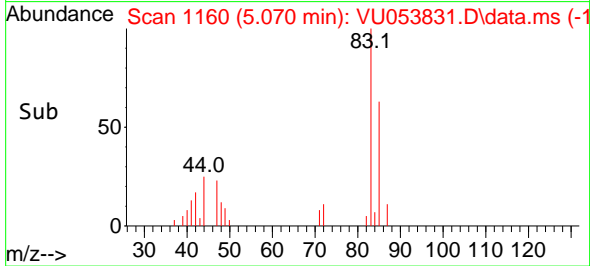
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



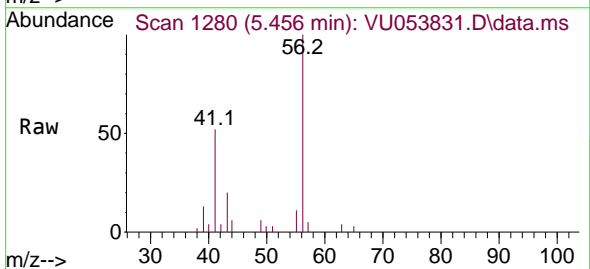
Tgt Ion: 42 Resp: 1350
 Ion Ratio Lower Upper
 42 100
 72 37.6 40.9 61.3
 71 26.9 36.9 55.3

Manual Integrations
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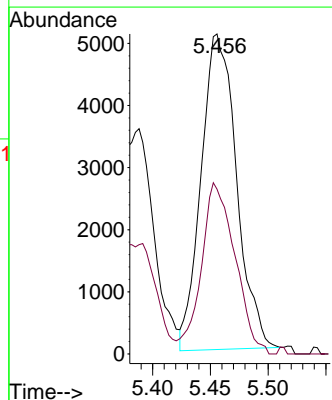
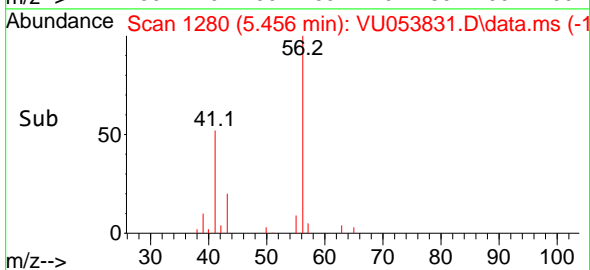
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

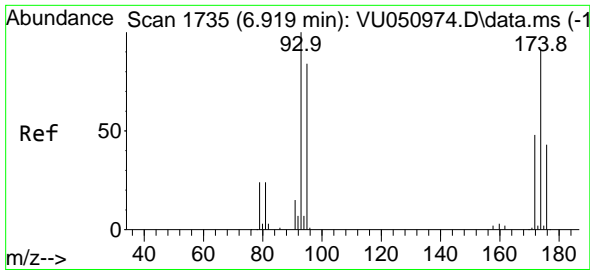


#42
 1-Chlorobutane
 Concen: 0.708 ug/l
 RT: 5.456 min Scan# 1280
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



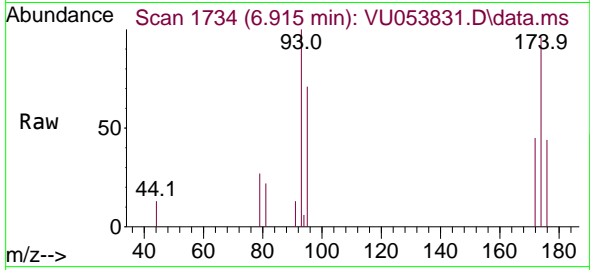
Tgt Ion: 56 Resp: 10831
 Ion Ratio Lower Upper
 56 100
 41 51.7 25.2 75.6





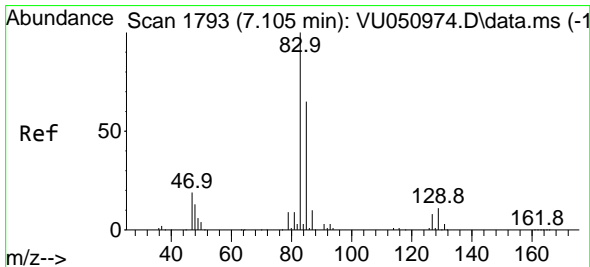
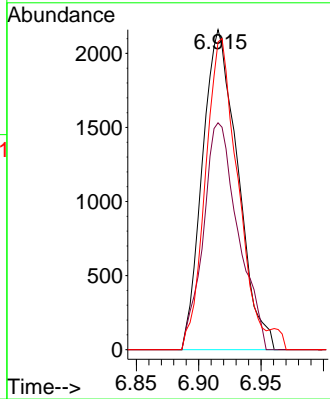
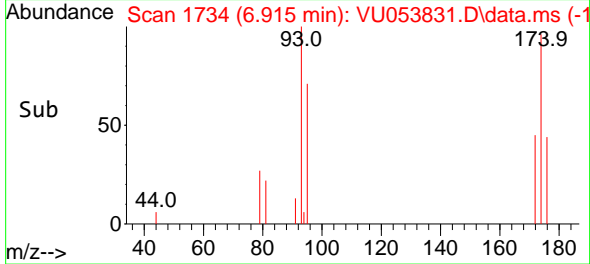
#43
 Dibromomethane
 Concen: 0.856 ug/l
 RT: 6.915 min Scan# 1734
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

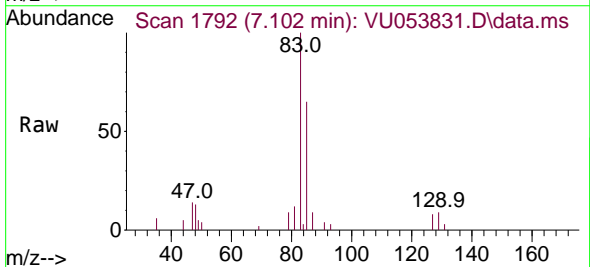


Tgt Ion: 93 Resp: 4260
 Ion Ratio Lower Upper
 93 100
 95 69.7 67.0 100.6
 174 88.6 73.8 110.6

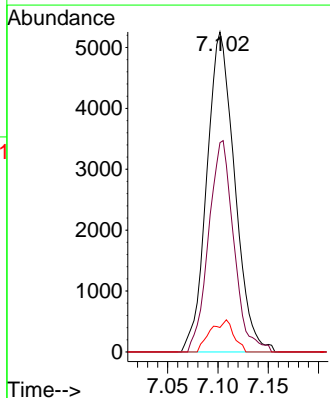
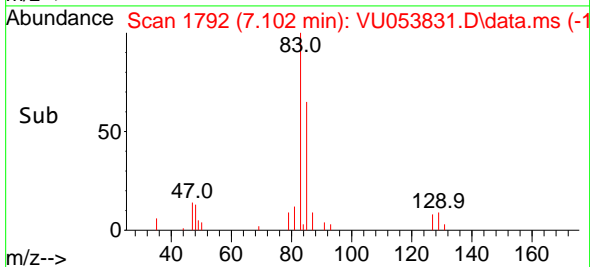
Manual Integrations
APPROVED
 Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

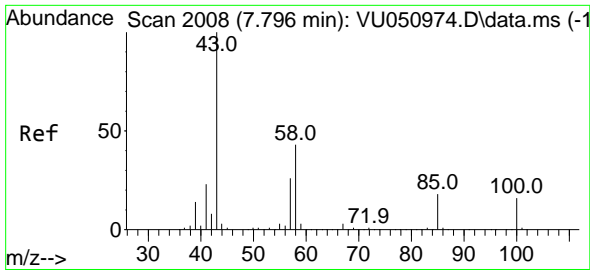


#44
 Bromodichloromethane
 Concen: 0.805 ug/l
 RT: 7.102 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



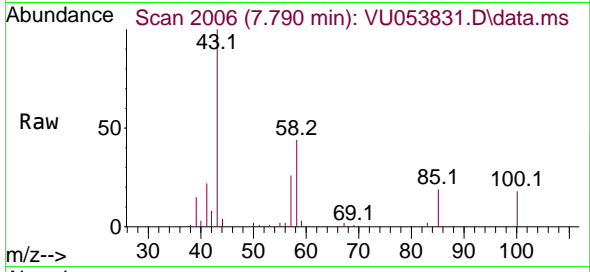
Tgt Ion: 83 Resp: 10117
 Ion Ratio Lower Upper
 83 100
 85 65.4 51.9 77.9
 127 7.7 6.7 10.1





#45
 4-Methyl-2-Pentanone
 Concen: 3.677 ug/l
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

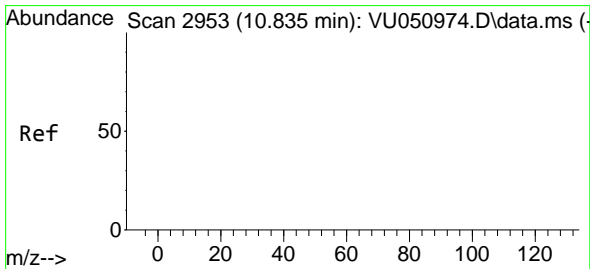
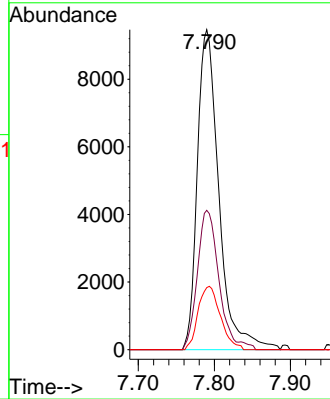
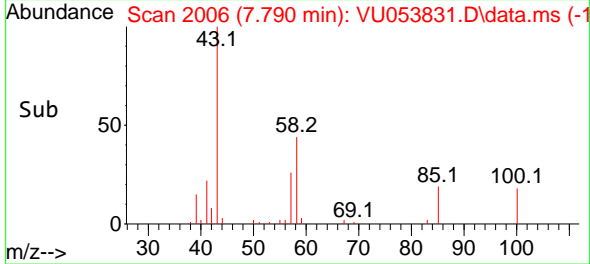
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



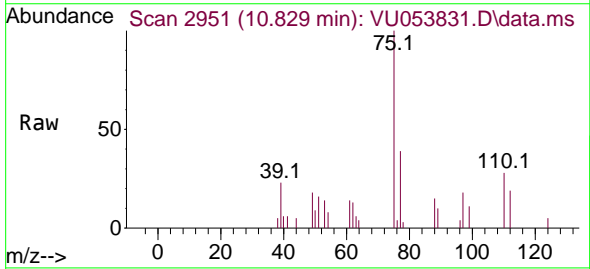
Tgt Ion: 43 Resp: 1863
 Ion Ratio Lower Upper
 43 100
 58 43.8 20.9 62.8
 85 20.5 14.6 21.8

Manual Integrations
APPROVED

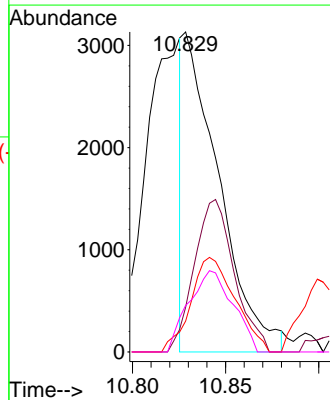
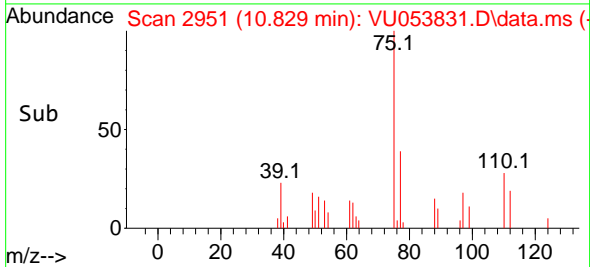
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

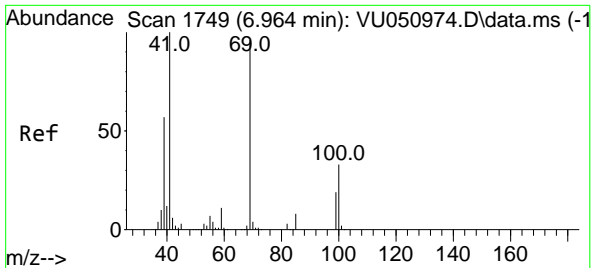


#46
 t-1,4-Dichloro-2-butene
 Concen: 1.982 ug/l m
 RT: 10.829 min Scan# 2951
 Delta R.T. -0.004 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



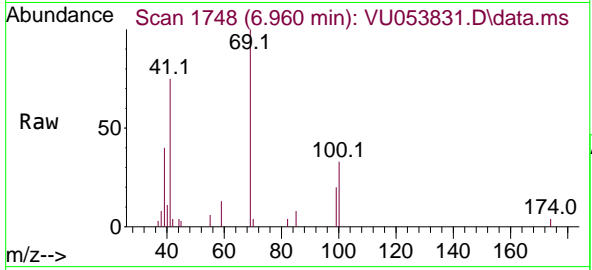
Tgt Ion: 75 Resp: 4171
 Ion Ratio Lower Upper
 75 100
 53 53.6 73.3 109.9#
 89 36.7 48.2 72.4#
 88 31.5 36.4 54.6#





#47
 Methyl methacrylate
 Concen: 1.611 ug/l
 RT: 6.960 min Scan# 1749
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

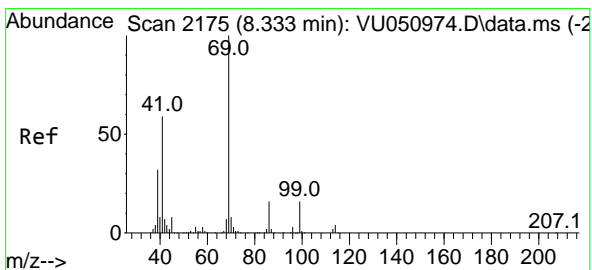
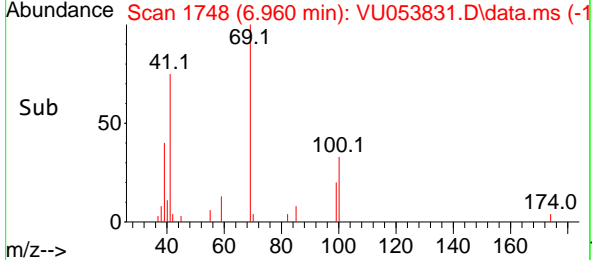
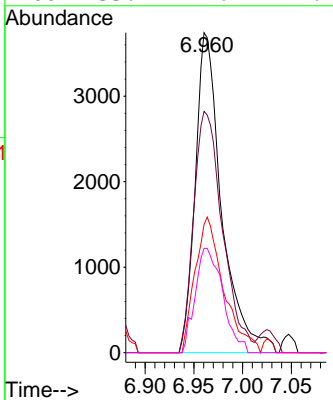


Tgt Ion: 69 Resp: 705

Ion	Ratio	Lower	Upper
69	100		
41	82.3	0.0	209.2
39	45.9	46.7	70.1
100	33.9	27.4	41.2

Manual Integrations
 APPROVED

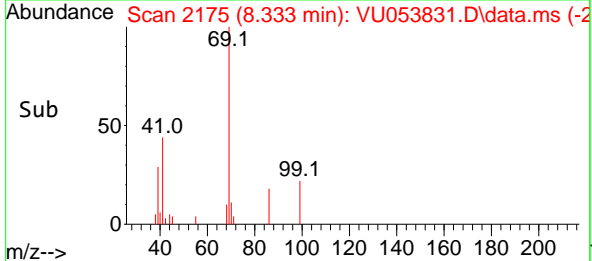
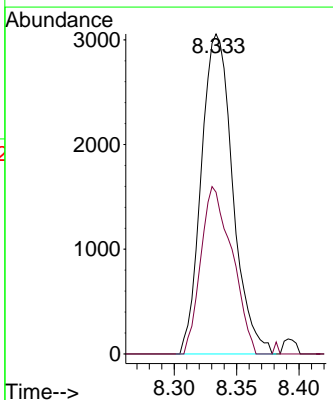
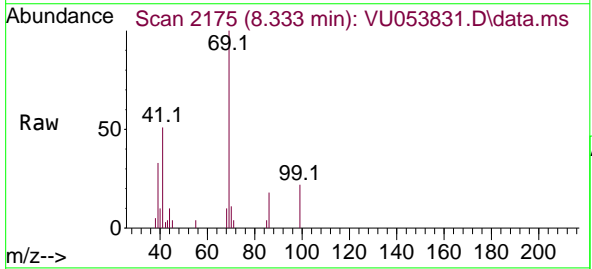
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

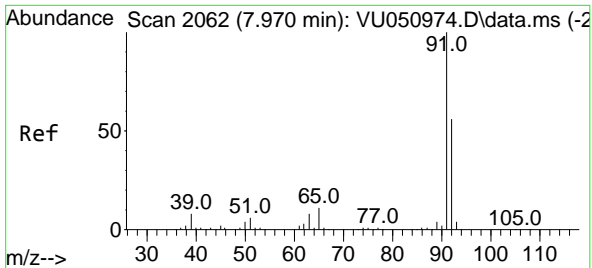


#48
 Ethyl methacrylate
 Concen: 0.626 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Tgt Ion: 69 Resp: 5370

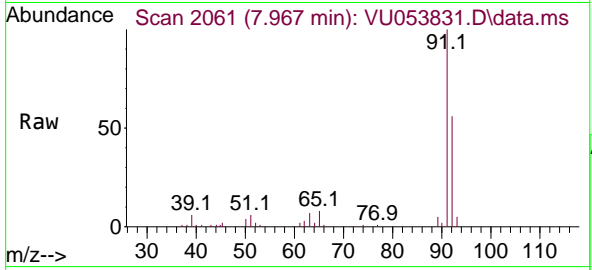
Ion	Ratio	Lower	Upper
69	100		
41	51.8	30.3	90.8





#49
 Toluene
 Concen: 0.784 ug/l
 RT: 7.967 min Scan# 2061
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

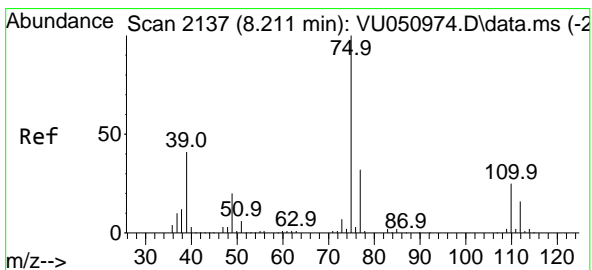
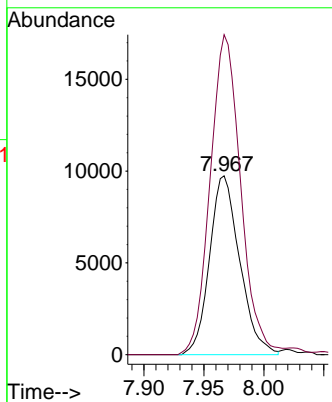
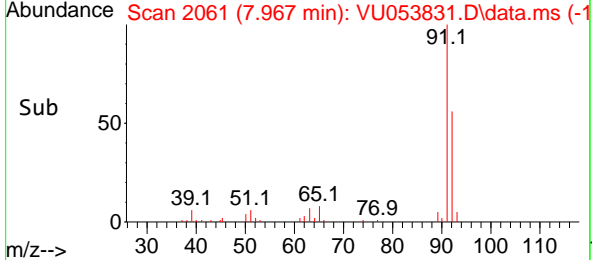
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



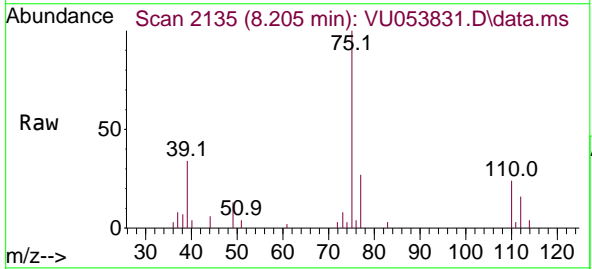
Tgt Ion: 92 Resp: 1705
 Ion Ratio Lower Upper
 92 100
 91 180.8 143.0 214.6

Manual Integrations
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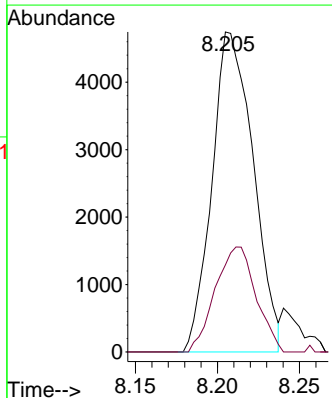
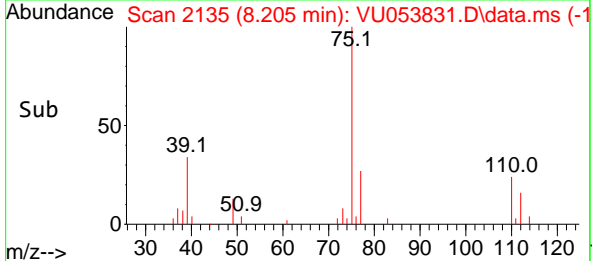
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

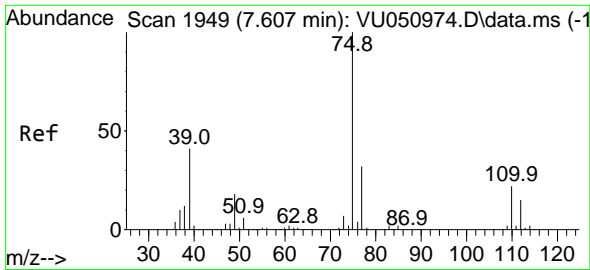


#50
 t-1,3-Dichloropropene
 Concen: 0.734 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



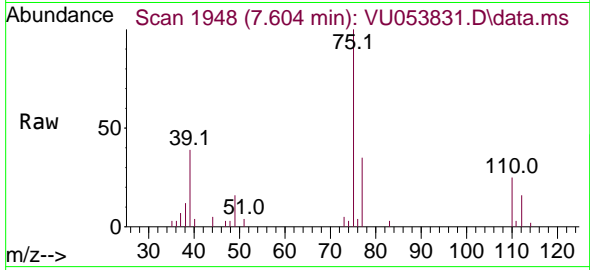
Tgt Ion: 75 Resp: 8287
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.748 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

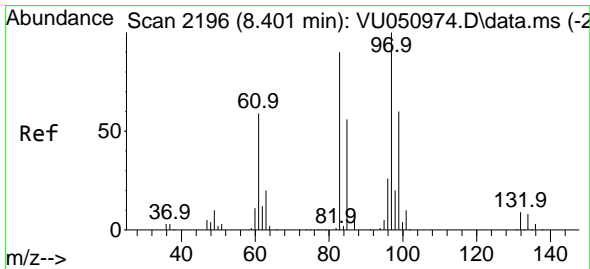
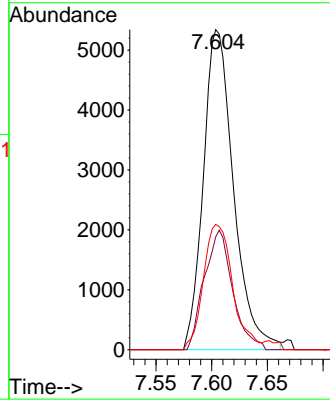
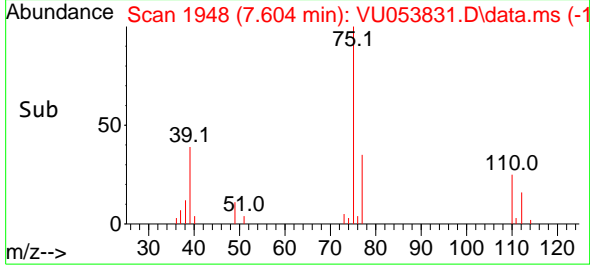
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



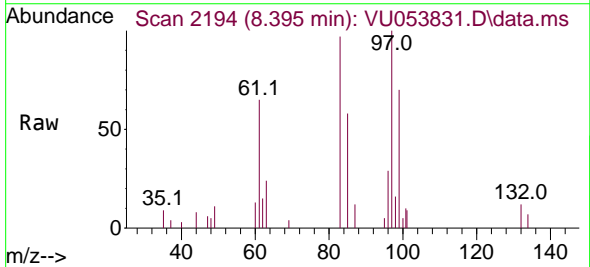
Tgt Ion: 75 Resp: 10074
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.7 38.5
 39 39.2 32.8 49.2

Manual Integrations
APPROVED

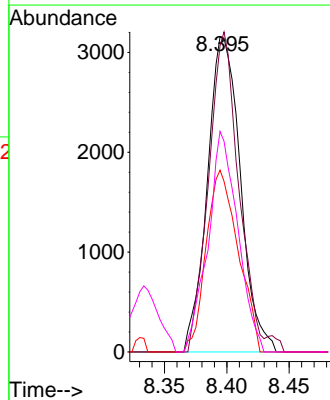
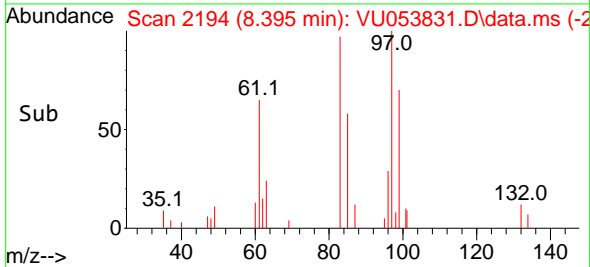
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

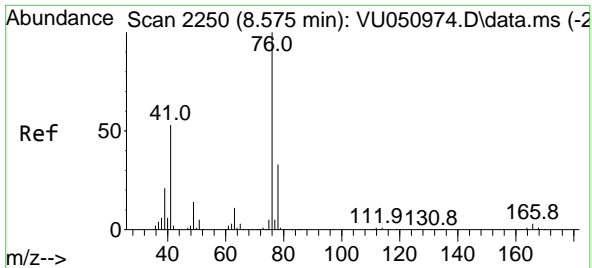


#52
 1,1,2-Trichloroethane
 Concen: 0.737 ug/l
 RT: 8.395 min Scan# 2194
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



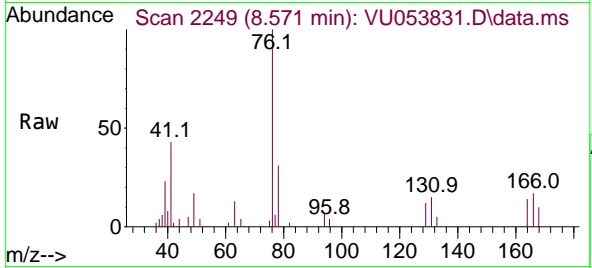
Tgt Ion: 97 Resp: 5825
 Ion Ratio Lower Upper
 97 100
 83 97.3 71.8 107.8
 85 57.7 45.2 67.8
 99 70.0 50.6 75.8





#53
 1,3-Dichloropropane
 Concen: 0.807 ug/l
 RT: 8.571 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

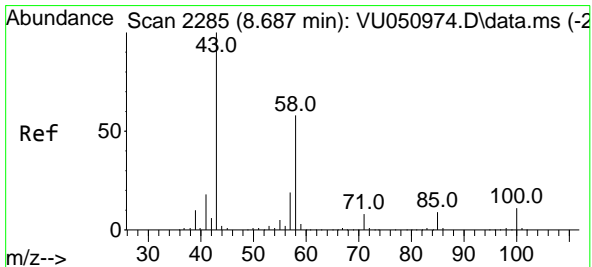
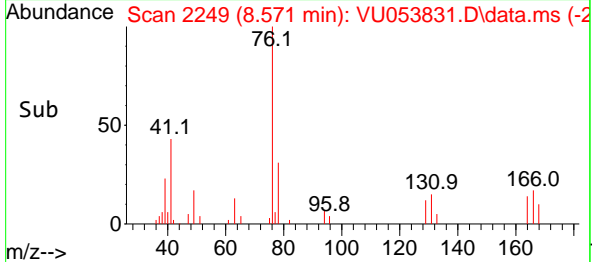
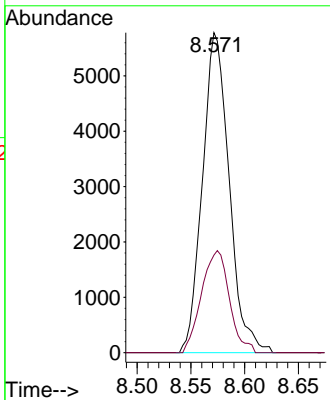
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 76 Resp: 9984
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.9 38.9

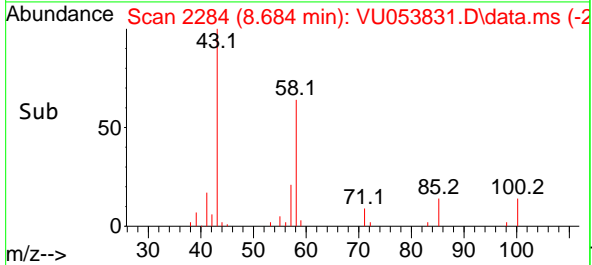
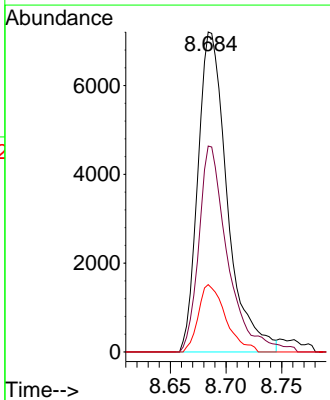
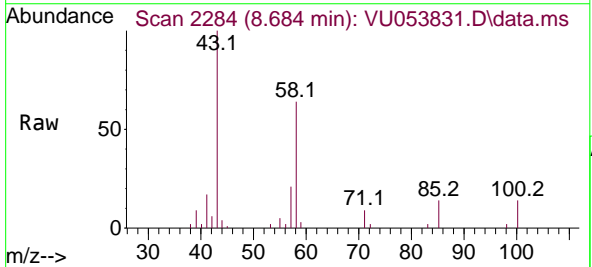
Manual Integrations
APPROVED

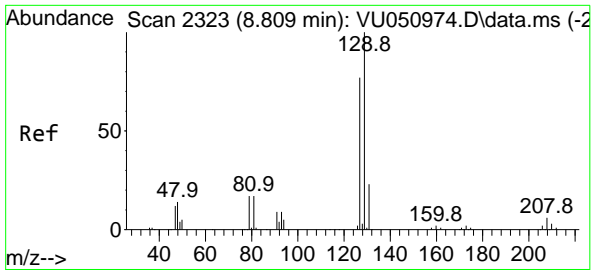
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#54
 2-Hexanone
 Concen: 2.780 ug/l
 RT: 8.684 min Scan# 2284
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

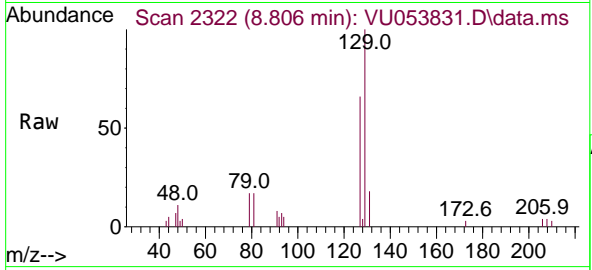
Tgt Ion: 43 Resp: 13212
 Ion Ratio Lower Upper
 43 100
 58 63.2 38.2 78.2
 57 19.6 0.0 39.1





#55
 Dibromochloromethane
 Concen: 0.835 ug/l
 RT: 8.806 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

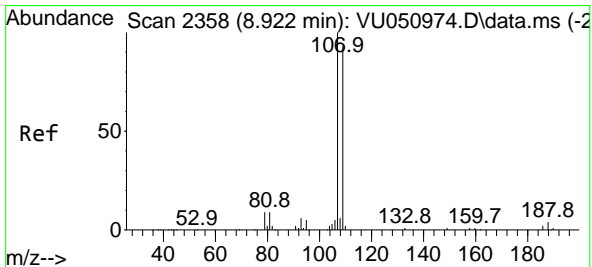
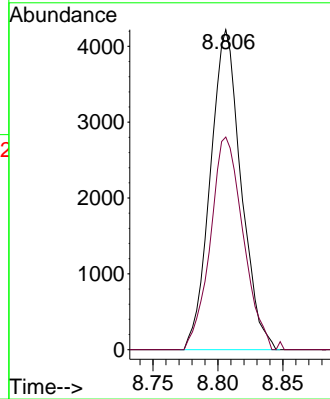
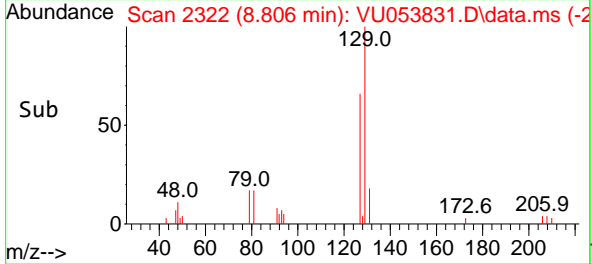
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



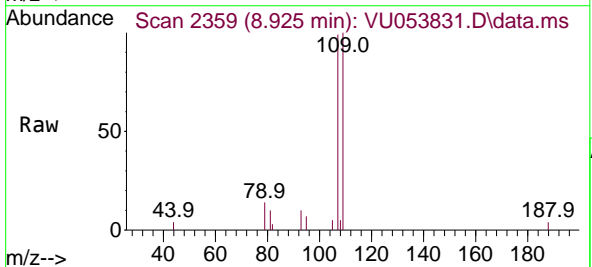
Tgt Ion:129 Resp: 6944
 Ion Ratio Lower Upper
 129 100
 127 70.6 61.4 92.0

Manual Integrations
APPROVED

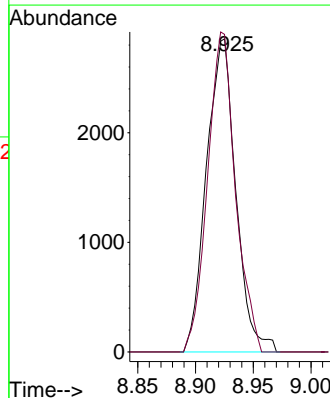
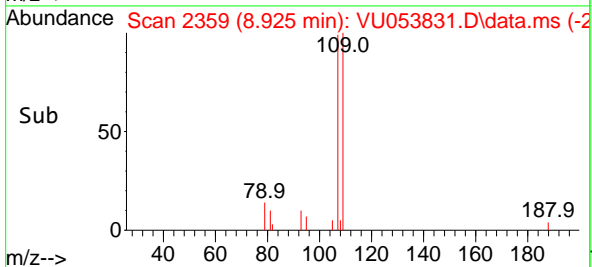
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

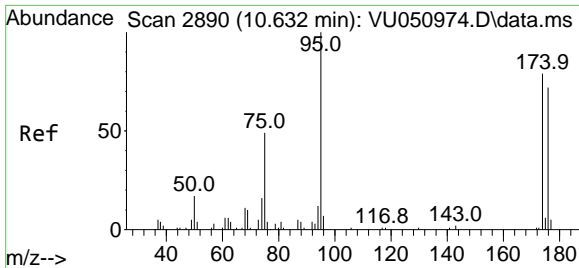


#56
 1,2-Dibromoethane
 Concen: 0.741 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



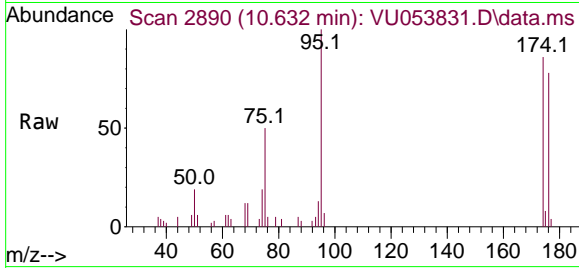
Tgt Ion:107 Resp: 5054
 Ion Ratio Lower Upper
 107 100
 109 96.9 0.0 184.4





#57
 4-Bromofluorobenzene
 Concen: 0.913 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

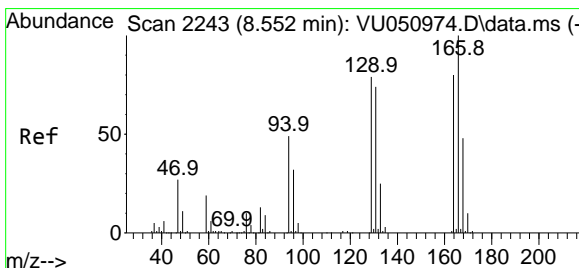
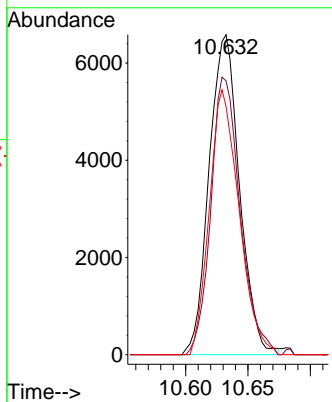
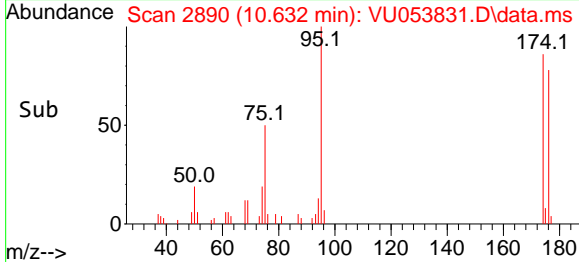
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



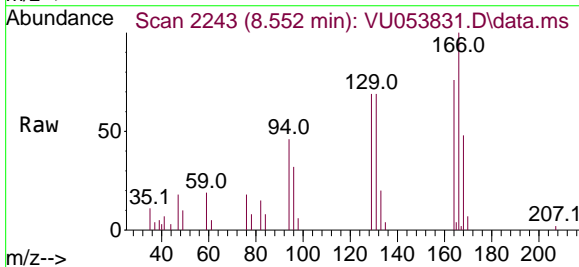
Tgt Ion: 95 Resp: 11180
 Ion Ratio Lower Upper
 95 100
 174 83.7 63.3 94.9
 176 80.9 59.3 88.9

Manual Integrations
APPROVED

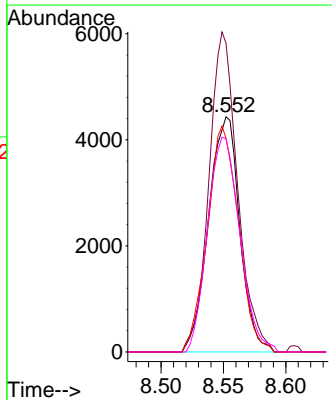
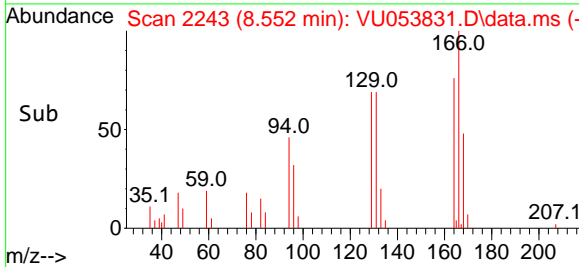
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

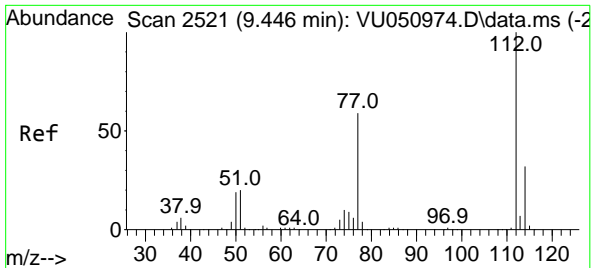


#58
 Tetrachloroethene
 Concen: 0.815 ug/l
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



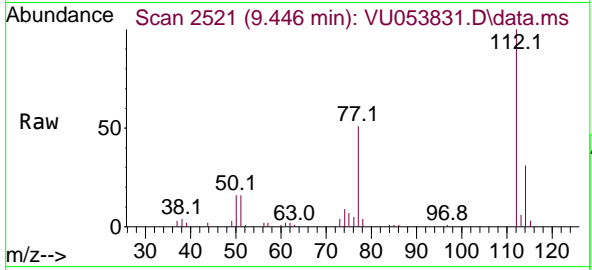
Tgt Ion:164 Resp: 7724
 Ion Ratio Lower Upper
 164 100
 166 131.3 99.6 149.4
 129 90.9 78.6 117.8
 131 90.6 73.4 110.0





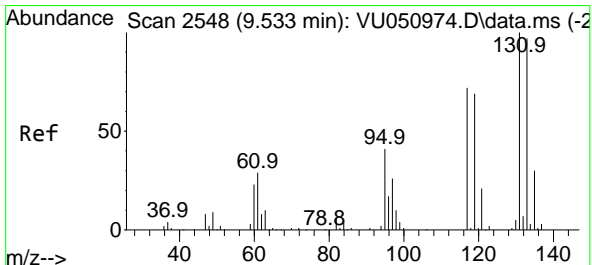
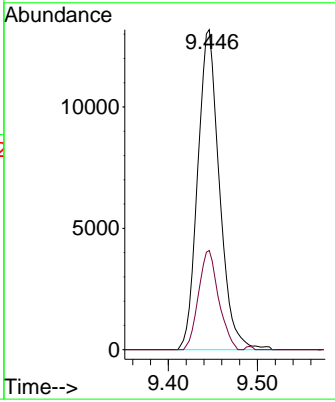
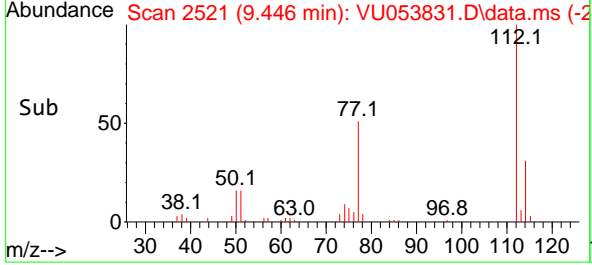
#59
 Chlorobenzene
 Concen: 0.825 ug/l
 RT: 9.446 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

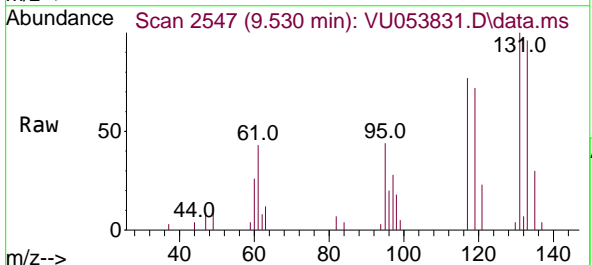


Tgt Ion:112 Resp: 2233
 Ion Ratio Lower Upper
 112 100
 114 31.0 25.6 38.4

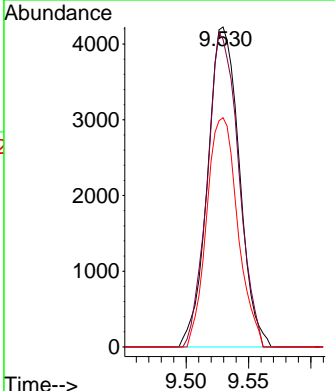
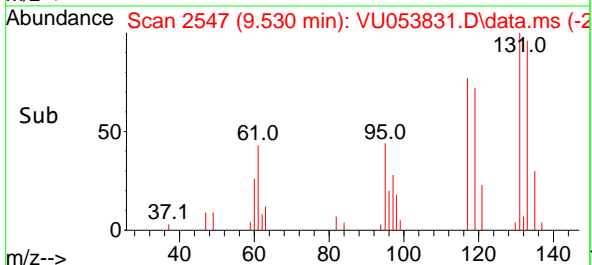
Manual Integrations
APPROVED
 Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

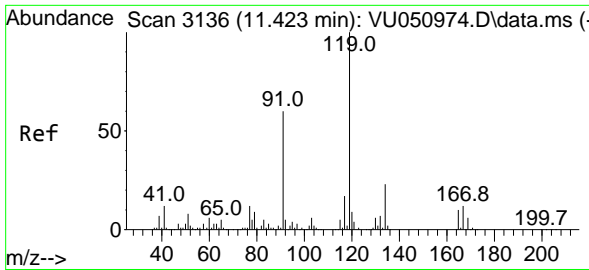


#60
 1,1,1,2-Tetrachloroethane
 Concen: 0.767 ug/l
 RT: 9.530 min Scan# 2547
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



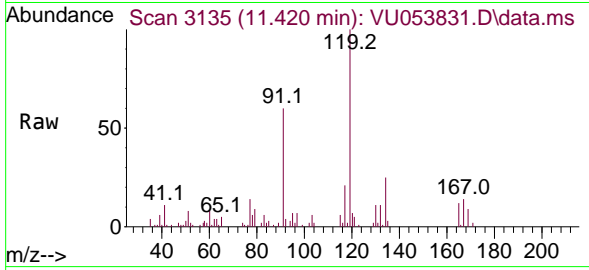
Tgt Ion:131 Resp: 7487
 Ion Ratio Lower Upper
 131 100
 133 96.5 77.8 116.6
 119 70.0 55.2 82.8





#61
 Pentachloroethane
 Concen: 0.700 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

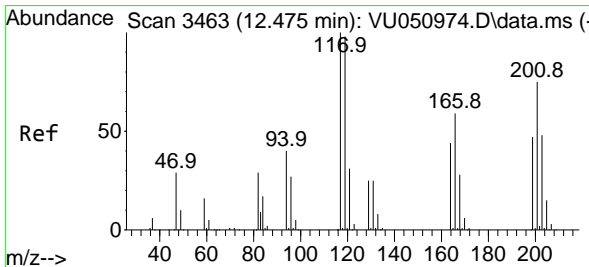
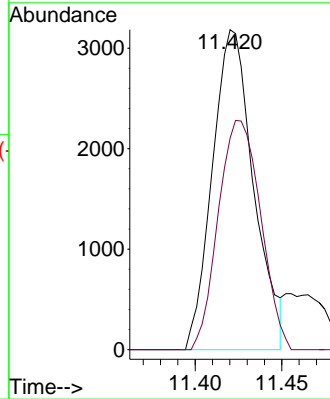
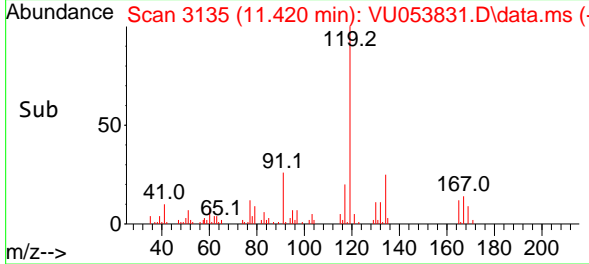
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



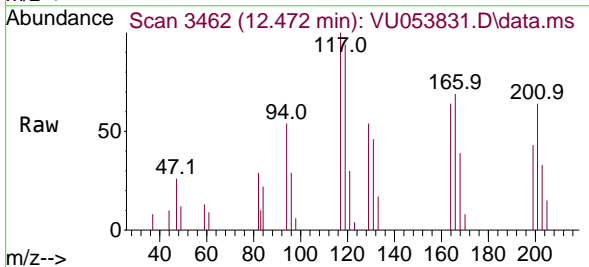
Tgt Ion:117 Resp: 5264
 Ion Ratio Lower Upper
 117 100
 167 73.5 56.7 85.1

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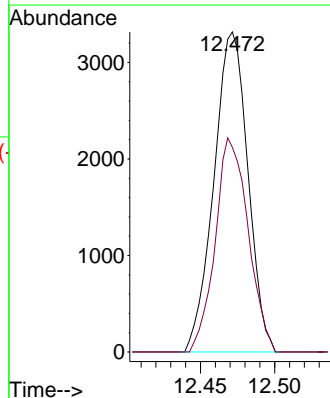
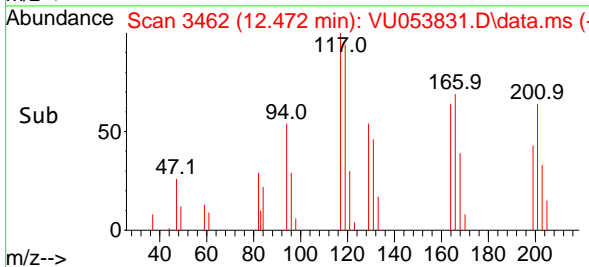
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

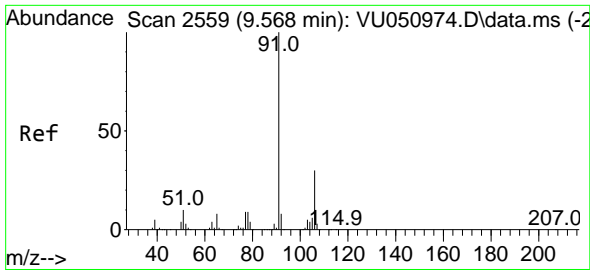


#62
 Hexachloroethane
 Concen: 0.719 ug/l
 RT: 12.472 min Scan# 3462
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



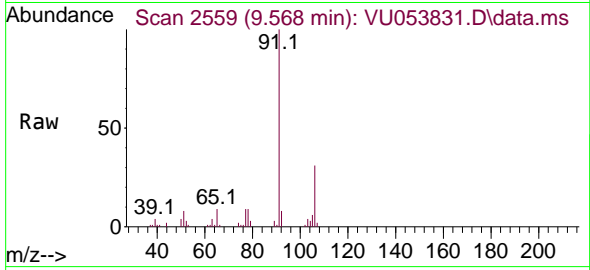
Tgt Ion:117 Resp: 5278
 Ion Ratio Lower Upper
 117 100
 201 64.8 59.6 89.4





#63
 Ethyl Benzene
 Concen: 0.779 ug/l
 RT: 9.568 min Scan# 2559
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

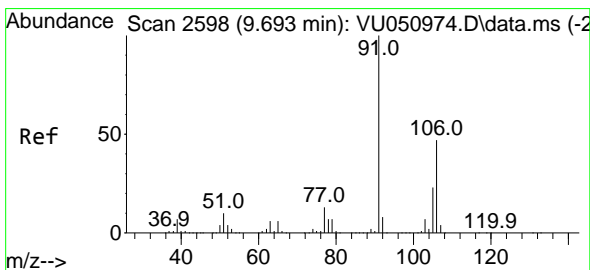
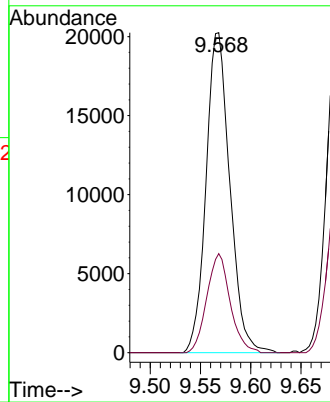
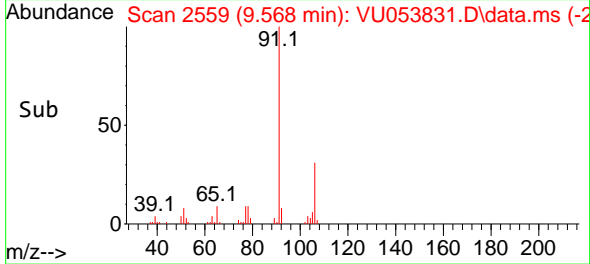
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



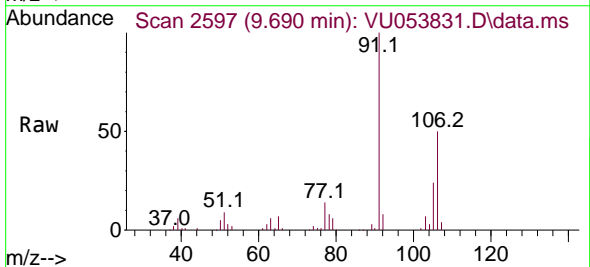
Tgt Ion: 91 Resp: 3330
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.2 36.2

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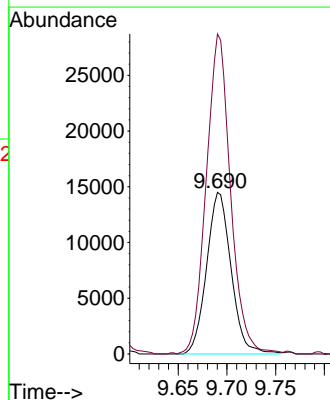
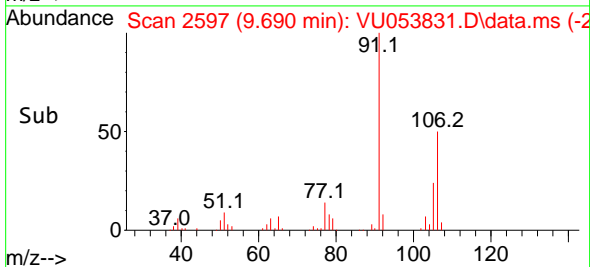
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

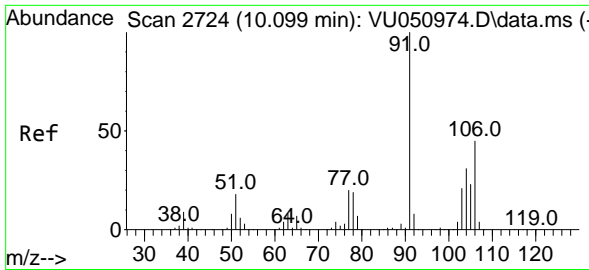


#64
 m/p-Xylenes
 Concen: 1.505 ug/l
 RT: 9.690 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



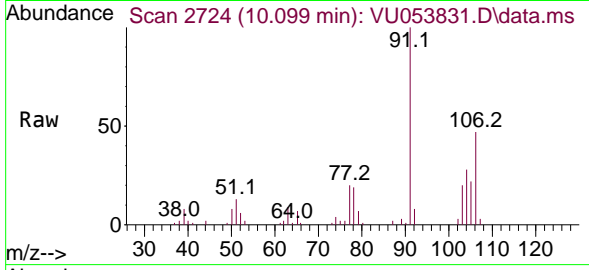
Tgt Ion:106 Resp: 25327
 Ion Ratio Lower Upper
 106 100
 91 196.2 167.3 250.9





#65
 o-Xylene
 Concen: 0.745 ug/l
 RT: 10.099 min Scan# 2724
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

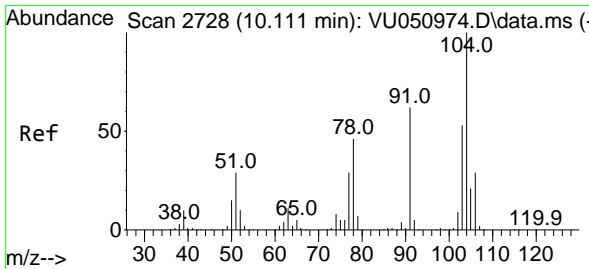
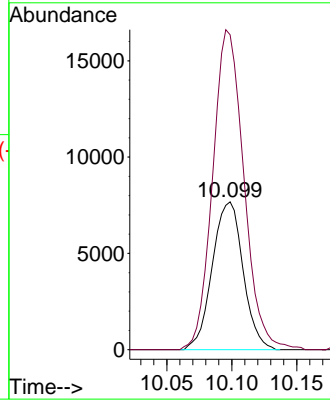
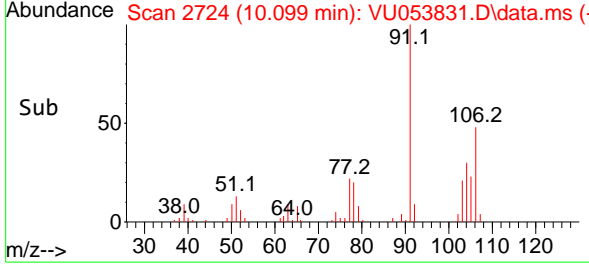
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



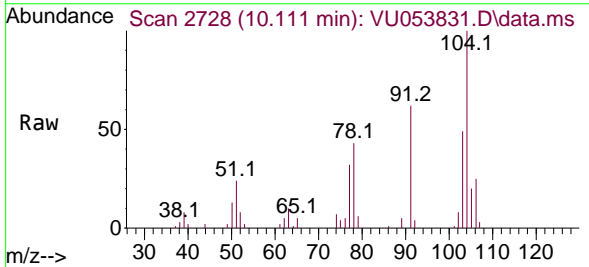
Tgt Ion:106 Resp: 12649
 Ion Ratio Lower Upper
 106 100
 91 219.3 109.3 327.9

Manual Integrations
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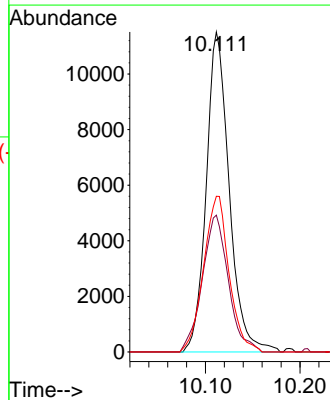
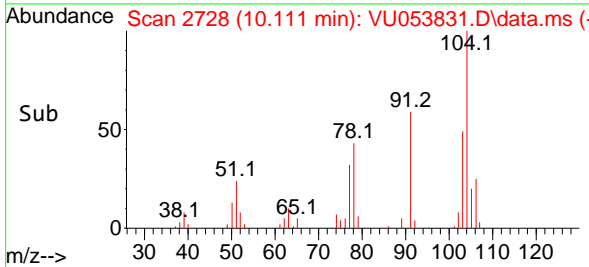
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

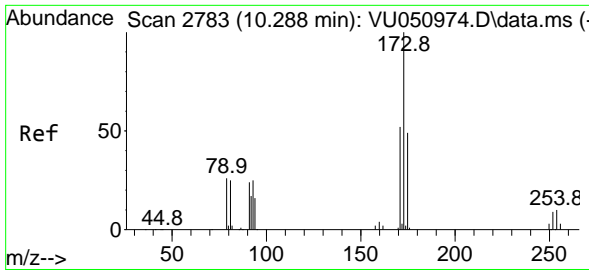


#66
 Styrene
 Concen: 0.721 ug/l
 RT: 10.111 min Scan# 2728
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



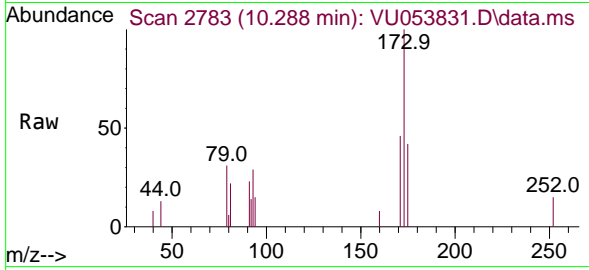
Tgt Ion:104 Resp: 19471
 Ion Ratio Lower Upper
 104 100
 78 48.3 39.7 59.5
 103 54.0 44.8 67.2





#67
 Bromoform
 Concen: 0.719 ug/l
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

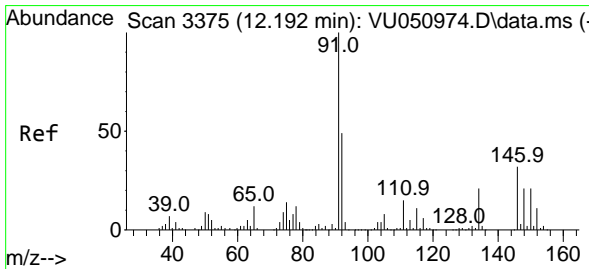
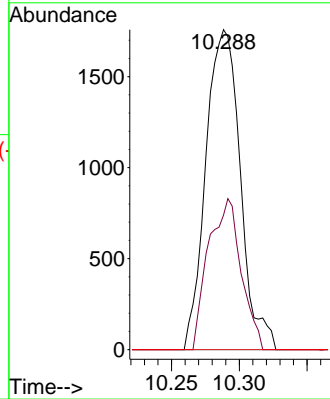
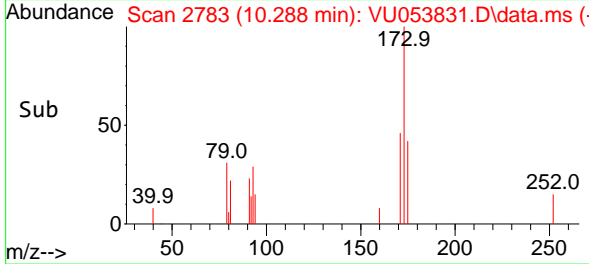
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



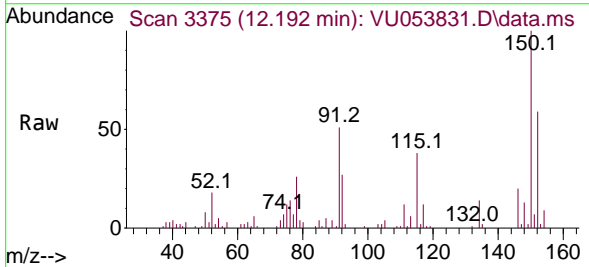
Tgt Ion:173 Resp: 3100
 Ion Ratio Lower Upper
 173 100
 175 44.7 39.0 58.6
 254 0.0 7.4 11.0

Manual Integrations
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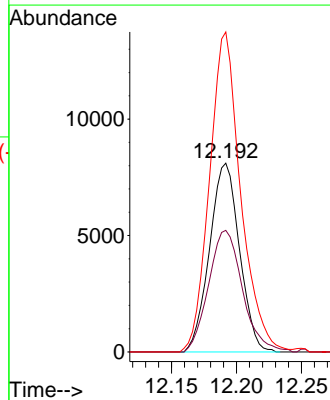
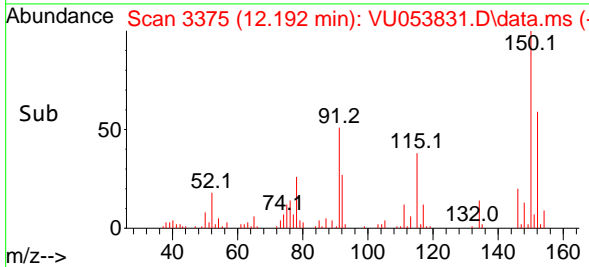
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

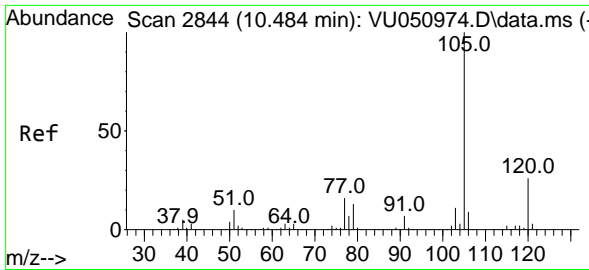


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.891 ug/l
 RT: 12.192 min Scan# 3375
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



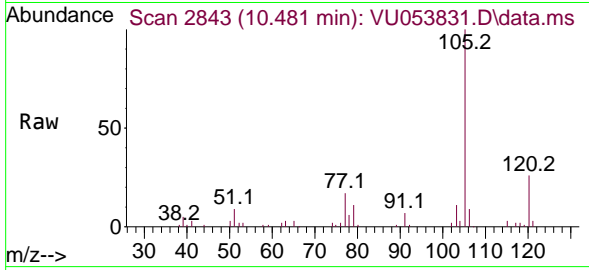
Tgt Ion:152 Resp: 12970
 Ion Ratio Lower Upper
 152 100
 115 73.0 0.0 308.8
 150 176.7 0.0 635.0





#69
 Isopropylbenzene
 Concen: 0.753 ug/l
 RT: 10.481 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

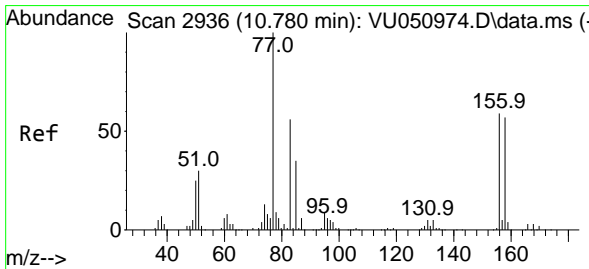
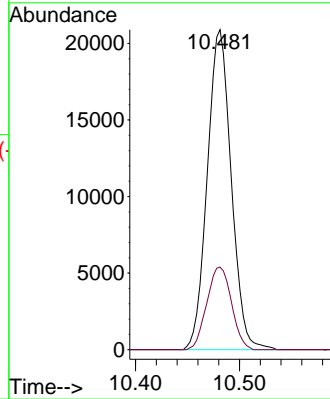
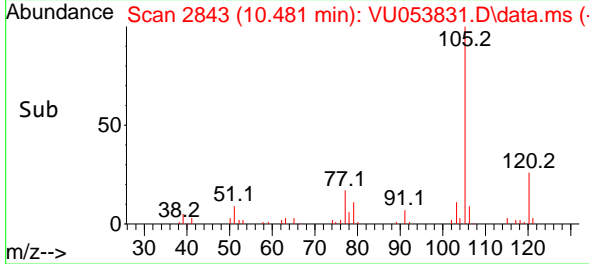
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



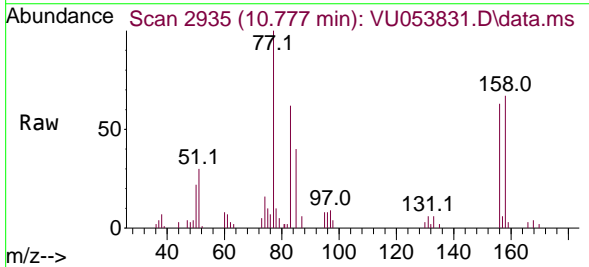
Tgt Ion: 105 Resp: 3340
 Ion Ratio Lower Upper
 105 100
 120 26.5 12.8 38.4

Manual Integrations
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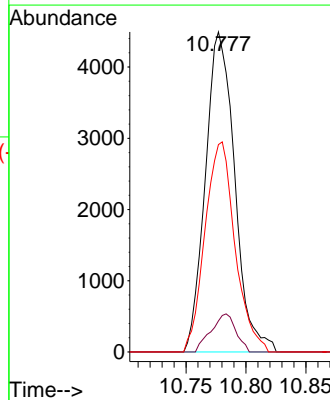
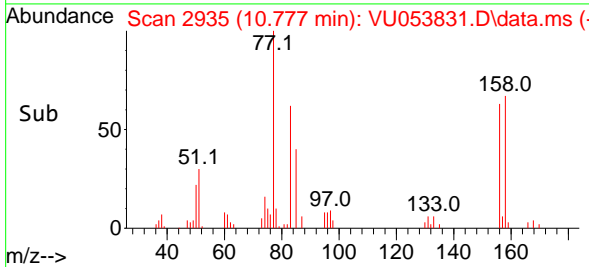
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

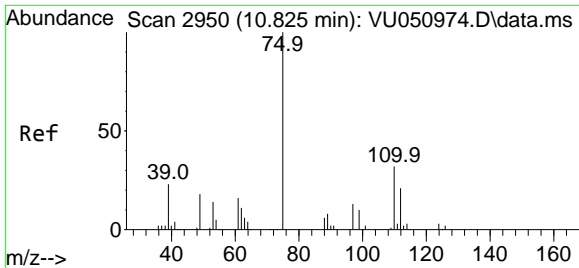


#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.750 ug/l
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



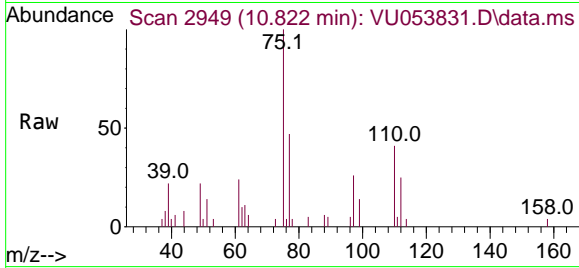
Tgt Ion: 83 Resp: 7638
 Ion Ratio Lower Upper
 83 100
 131 10.0 7.2 10.8
 85 67.2 50.5 75.7





#71
 1,2,3-Trichloropropane
 Concen: 0.480 ug/l m
 RT: 10.822 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023

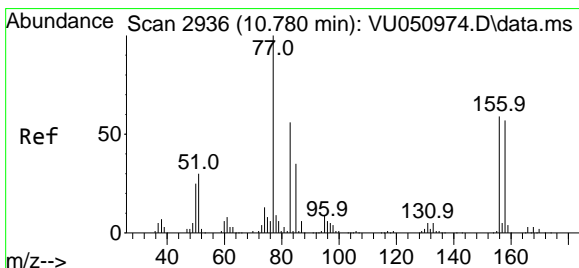
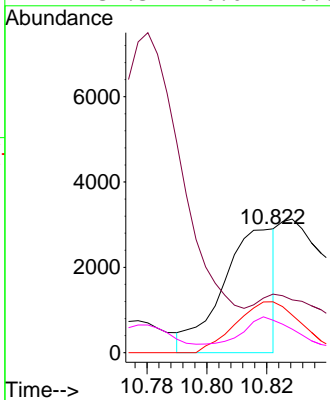
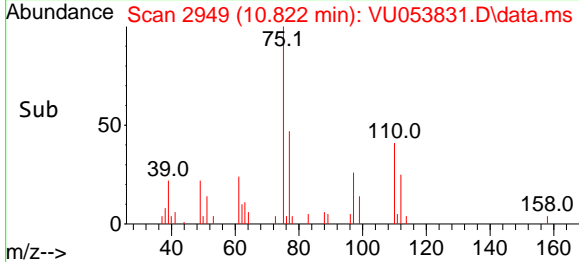


Tgt Ion: 75 Resp: 352

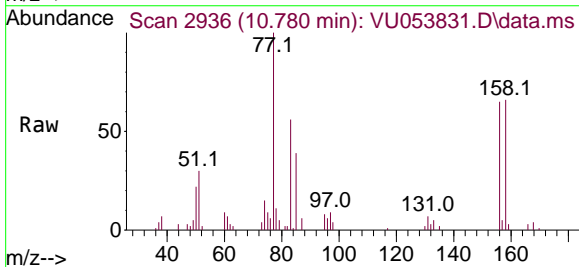
Ion	Ratio	Lower	Upper
75	100		
77	64.3	0.0	116.4
110	51.7	0.0	74.6
97	32.3	0.0	40.0

Manual Integrations
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Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

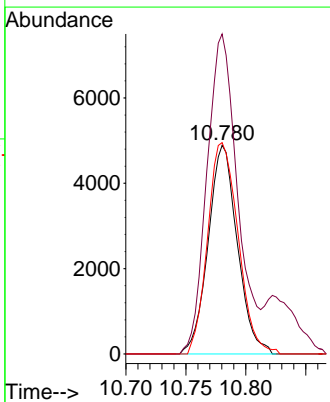
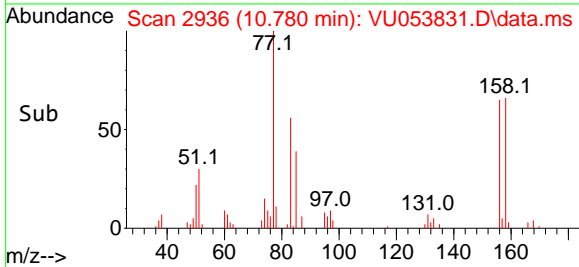


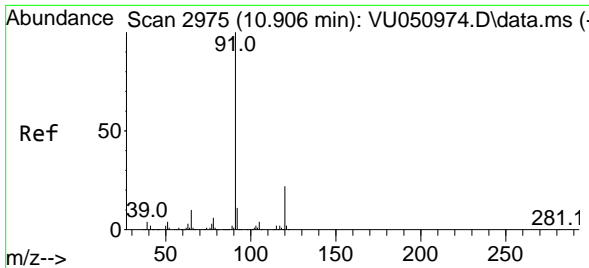
#72
 Bromobenzene
 Concen: 0.726 ug/l
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion:156 Resp: 8263

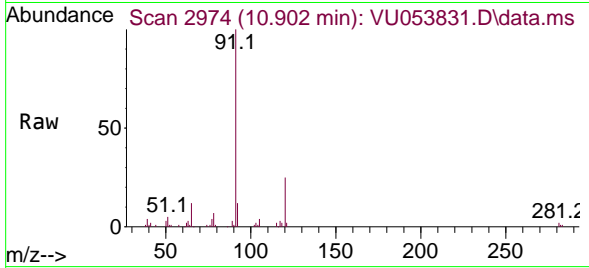
Ion	Ratio	Lower	Upper
156	100		
77	161.0	0.0	343.0
158	106.0	0.0	194.8





#73
 n-propylbenzene
 Concen: 0.769 ug/l
 RT: 10.902 min Scan# 2974
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

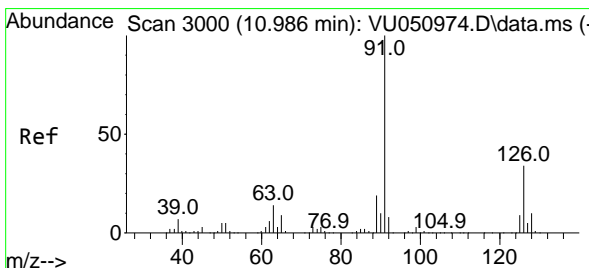
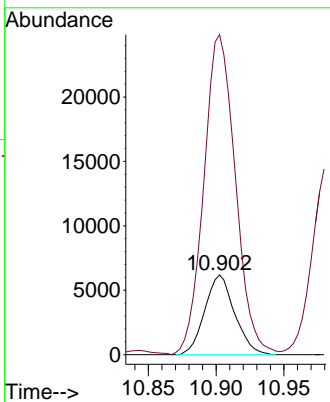
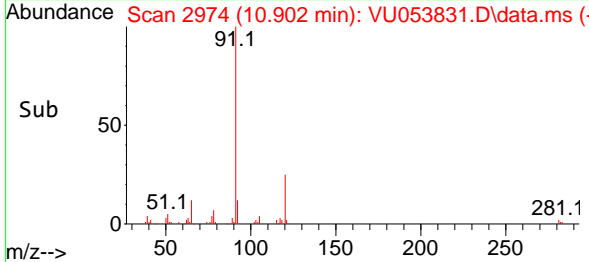
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



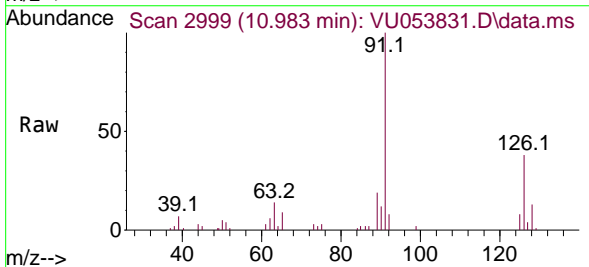
Tgt Ion:120 Resp: 946
 Ion Ratio Lower Upper
 120 100
 91 426.1 369.8 554.6

Manual Integrations
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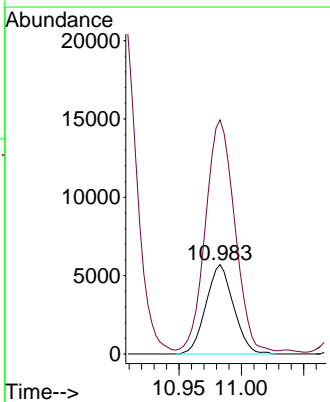
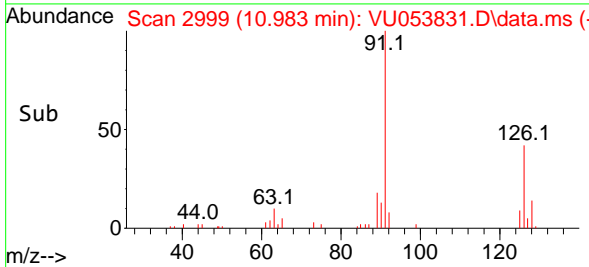
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

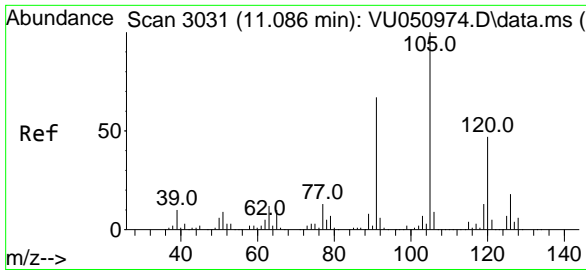


#74
 2-Chlorotoluene
 Concen: 0.753 ug/l
 RT: 10.983 min Scan# 2999
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



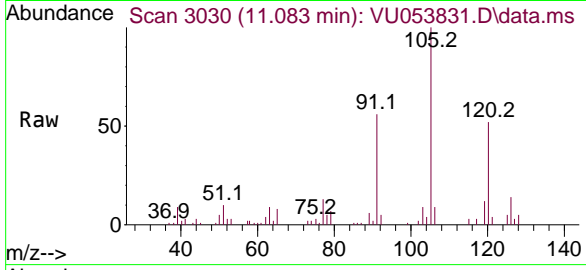
Tgt Ion:126 Resp: 8756
 Ion Ratio Lower Upper
 126 100
 91 274.8 0.0 610.0





#75
 1,3,5-Trimethylbenzene
 Concen: 0.693 ug/l
 RT: 11.083 min Scan# 3030
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

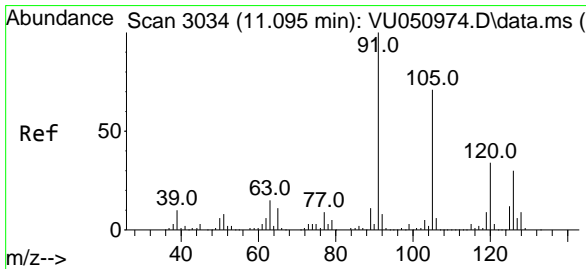
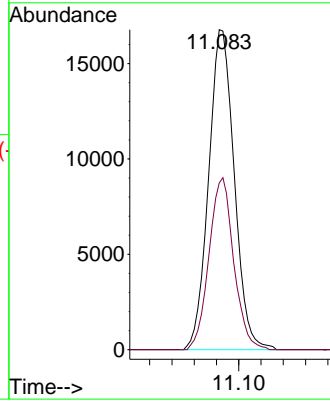
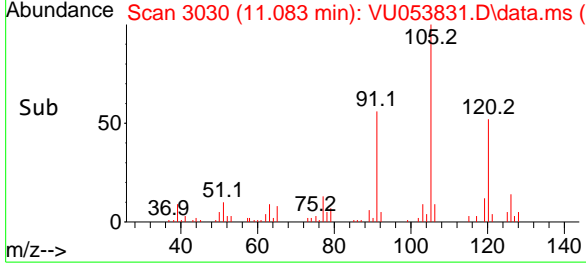
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



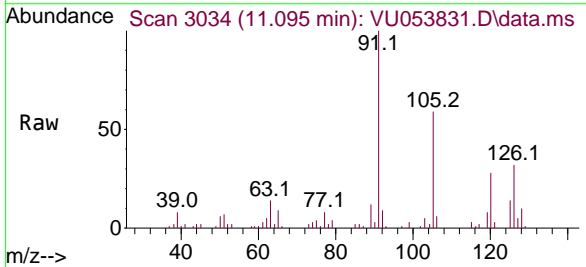
Tgt Ion: 105 Resp: 2681
 Ion Ratio Lower Upper
 105 100
 120 51.8 37.8 56.8

Manual Integrations
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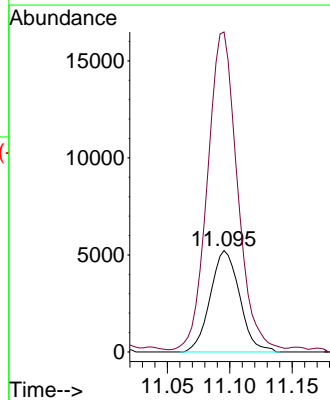
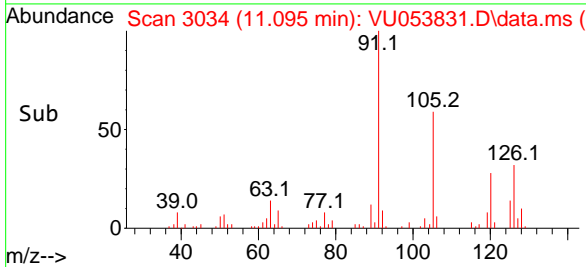
Reviewed By : Krupa Patel 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

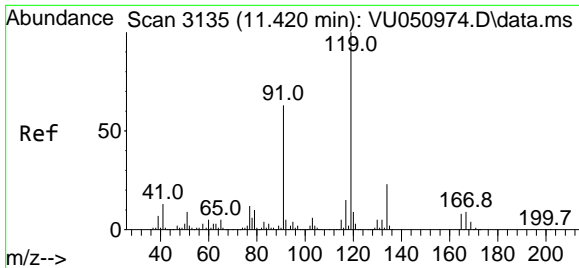


#76
 4-Chlorotoluene
 Concen: 0.721 ug/l
 RT: 11.095 min Scan# 3034
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



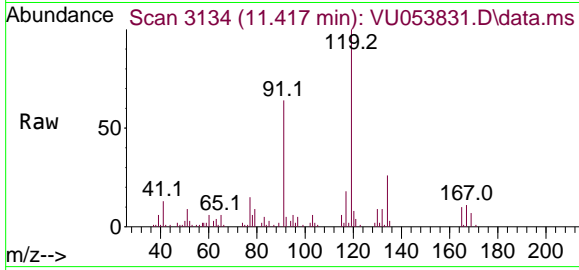
Tgt Ion: 126 Resp: 8552
 Ion Ratio Lower Upper
 126 100
 91 317.9 0.0 686.2





#77
 tert-Butylbenzene
 Concen: 0.694 ug/l
 RT: 11.417 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

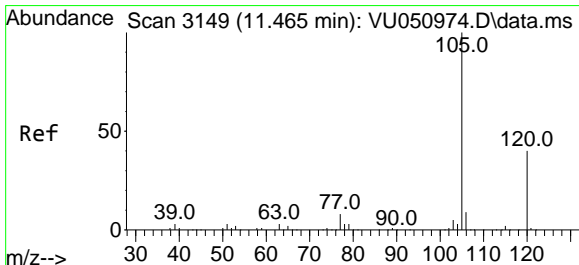
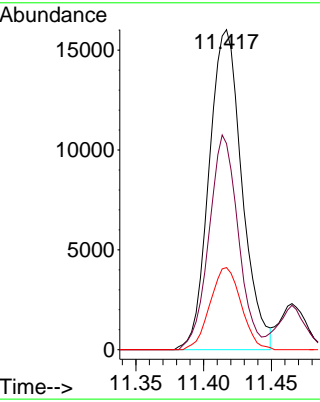
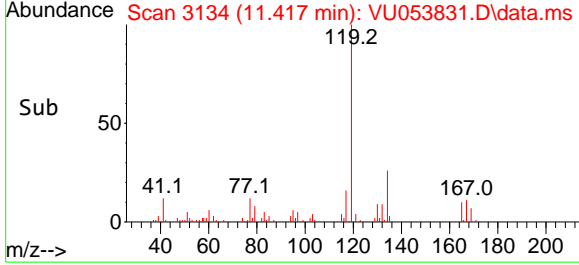
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



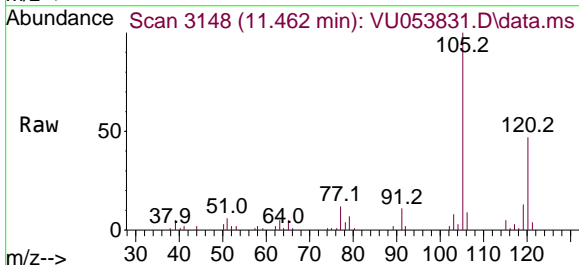
Tgt Ion:119 Resp: 2703

Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.8	92.4
134	24.3	18.0	27.0

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 Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

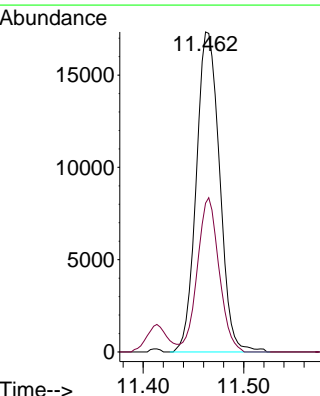
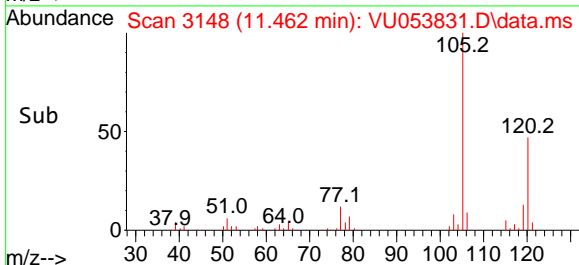


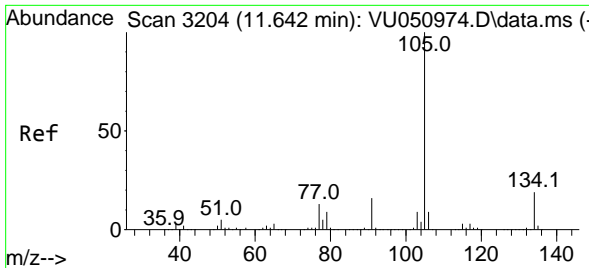
#78
 1,2,4-Trimethylbenzene
 Concen: 0.707 ug/l
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion:105 Resp: 27911

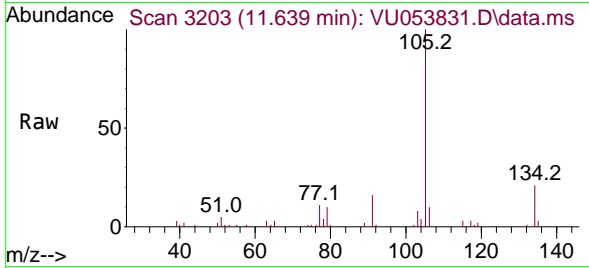
Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.9	65.8





#79
 sec-Butylbenzene
 Concen: 0.714 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

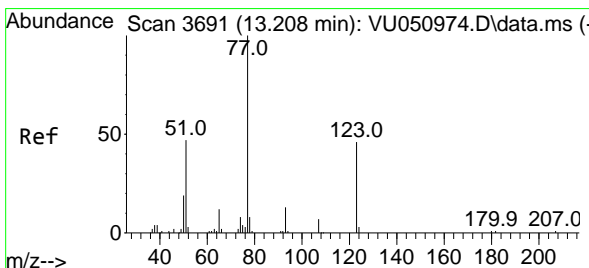
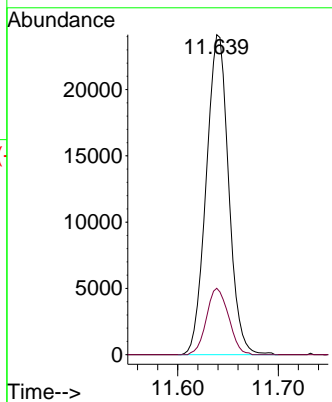
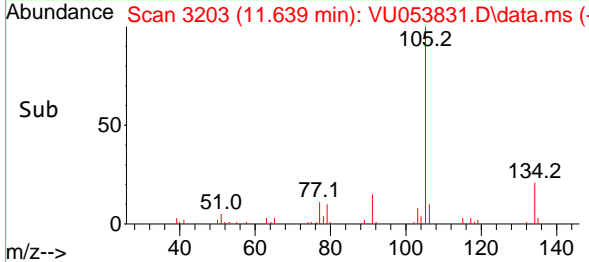
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



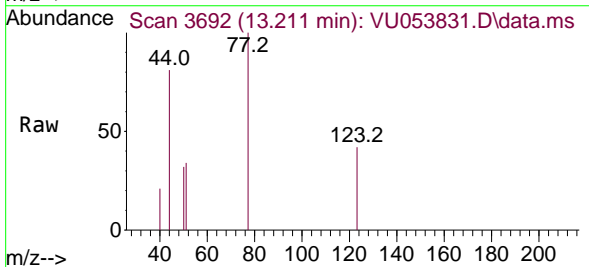
Tgt Ion: 105 Resp: 3736
 Ion Ratio Lower Upper
 105 100
 134 20.5 14.9 22.3

Manual Integrations
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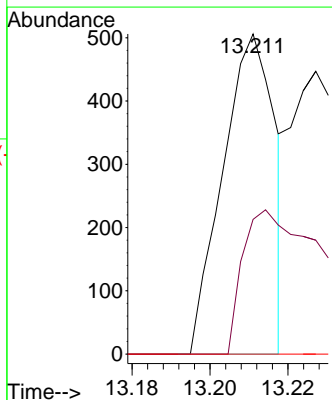
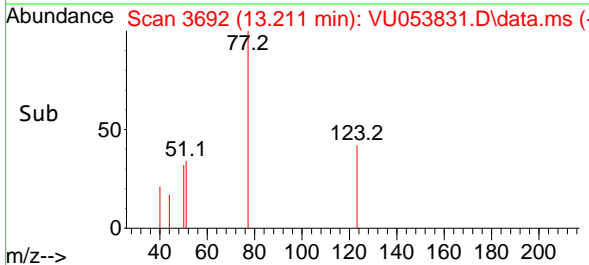
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

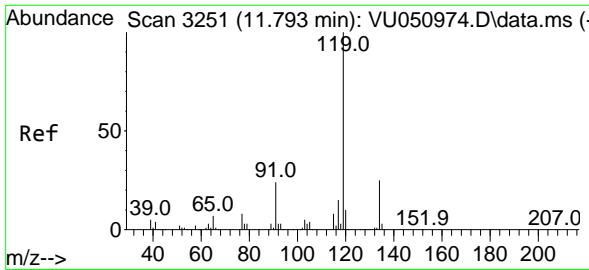


#80
 Nitrobenzene
 Concen: 1.454 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.010 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



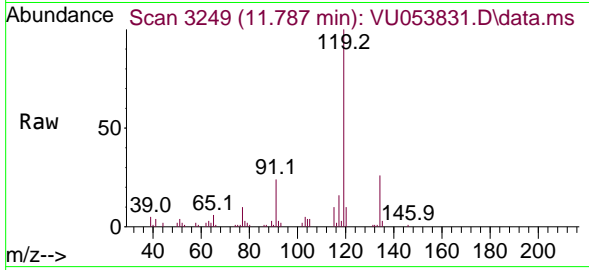
Tgt Ion: 77 Resp: 469
 Ion Ratio Lower Upper
 77 100
 123 70.6 19.7 69.7#
 65 0.0 11.5 14.7#





#81
 p-Isopropyltoluene
 Concen: 0.683 ug/l
 RT: 11.787 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

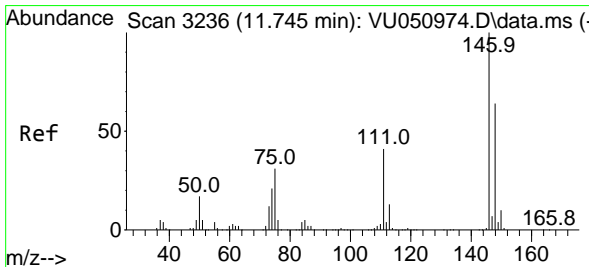
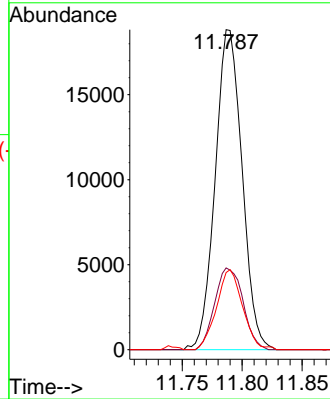
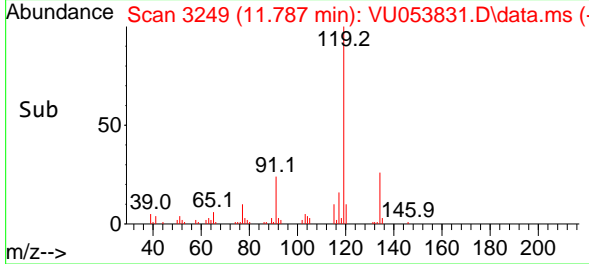
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



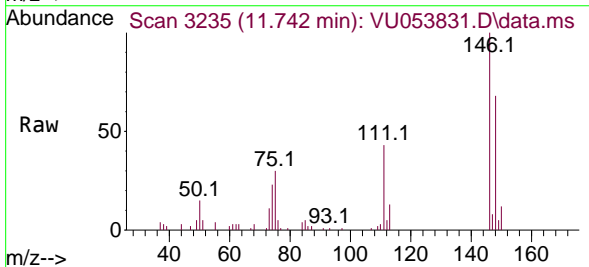
Tgt Ion:119 Resp: 2928
 Ion Ratio Lower Upper
 119 100
 134 26.9 20.2 30.4
 91 24.2 19.3 28.9

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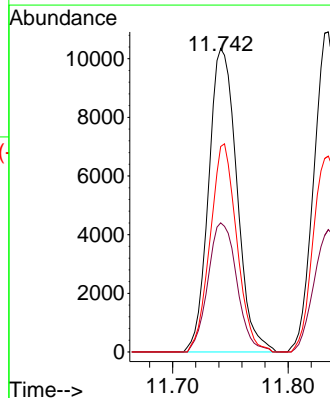
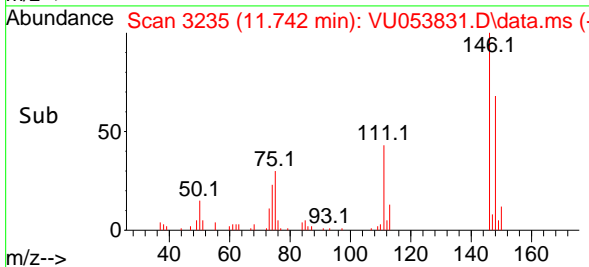
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

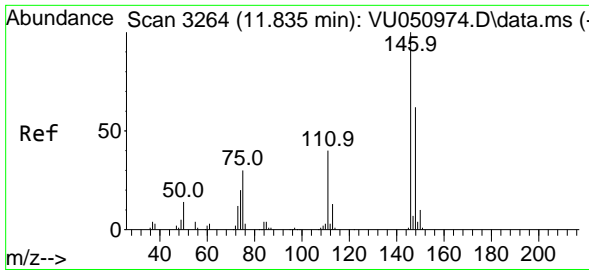


#82
 1,3-Dichlorobenzene
 Concen: 0.723 ug/l
 RT: 11.742 min Scan# 3235
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



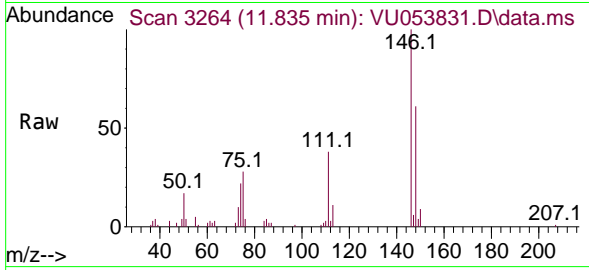
Tgt Ion:146 Resp: 17588
 Ion Ratio Lower Upper
 146 100
 111 43.5 32.6 49.0
 148 64.7 51.0 76.4





#83
 1,4-Dichlorobenzene
 Concen: 0.763 ug/l
 RT: 11.835 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

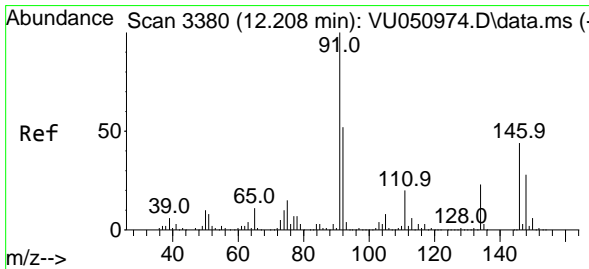
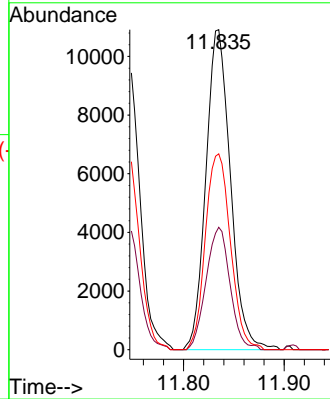
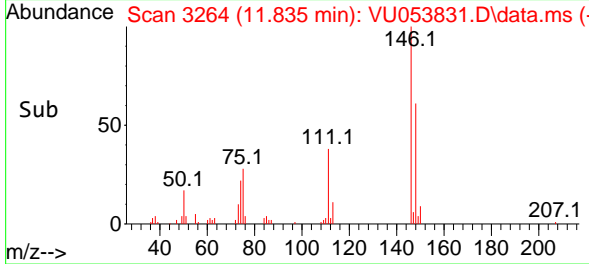
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



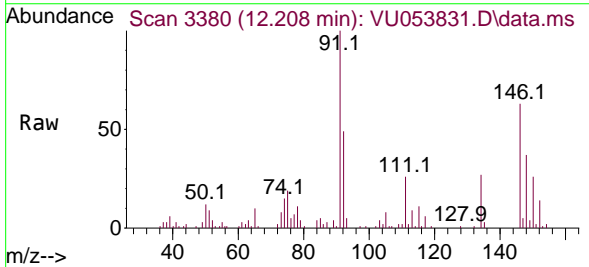
Tgt Ion: 146 Resp: 1850
 Ion Ratio Lower Upper
 146 100
 111 37.4 31.6 47.4
 148 62.7 50.3 75.5

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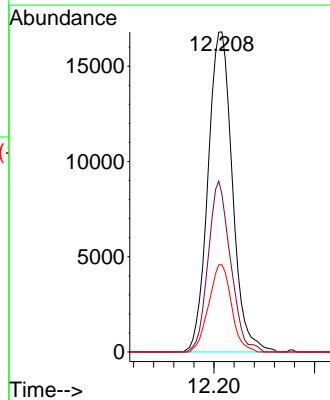
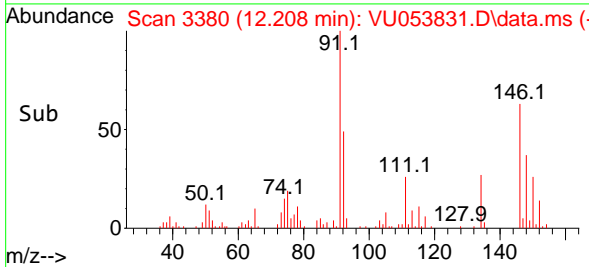
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

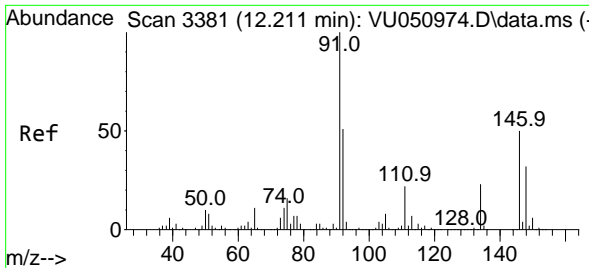


#84
 n-Butylbenzene
 Concen: 0.932 ug/l
 RT: 12.208 min Scan# 3380
 Delta R.T. 0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



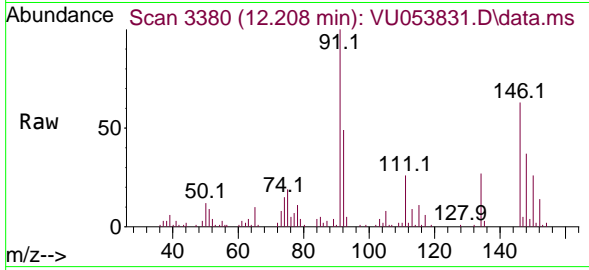
Tgt Ion: 91 Resp: 28300
 Ion Ratio Lower Upper
 91 100
 92 49.1 40.8 61.2
 134 25.4 18.4 27.6





#85
 1,2-Dichlorobenzene
 Concen: 0.739 ug/l
 RT: 12.208 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

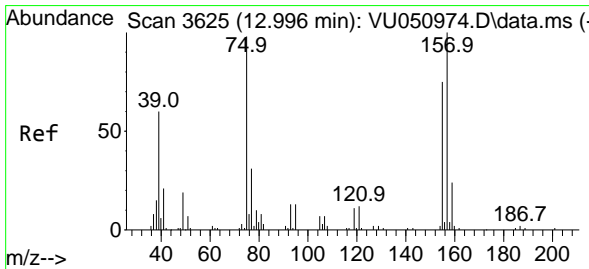
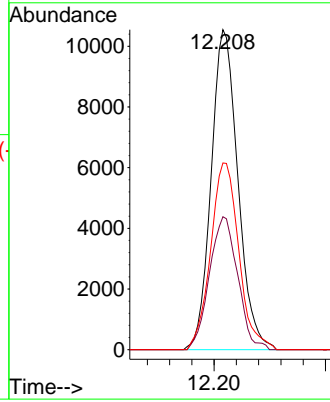
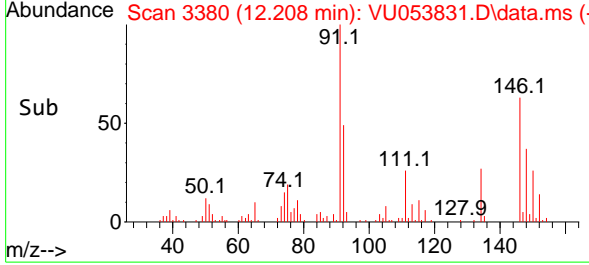
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



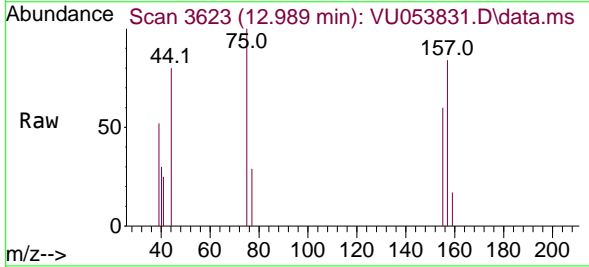
Tgt Ion:146 Resp: 1758
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.6 64.6
 148 61.6 32.1 96.5

Manual Integrations
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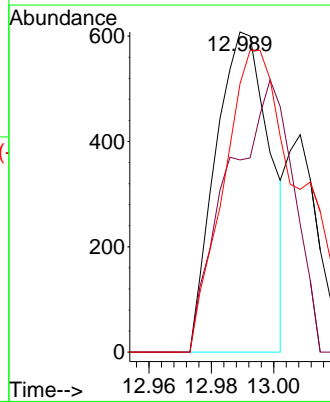
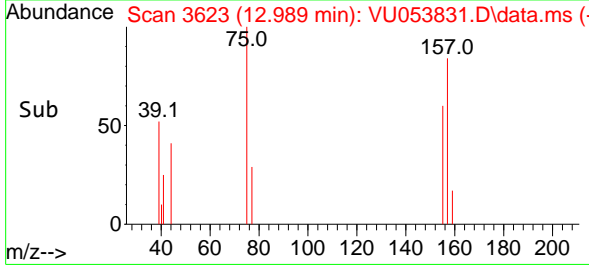
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

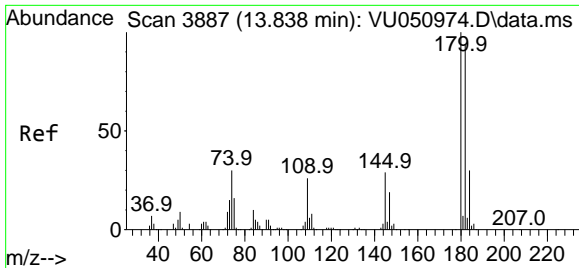


#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.514 ug/l
 RT: 12.989 min Scan# 3623
 Delta R.T. -0.003 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



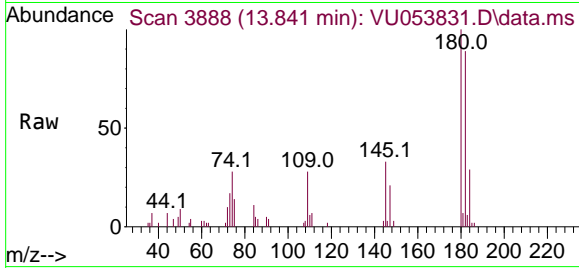
Tgt Ion: 75 Resp: 737
 Ion Ratio Lower Upper
 75 100
 155 102.2 61.8 92.8#
 157 132.3 80.2 120.4#





#87
 1,2,4-Trichlorobenzene
 Concen: 0.675 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

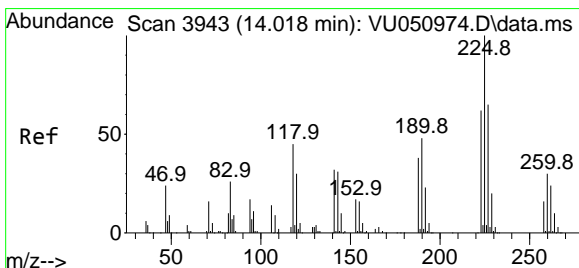
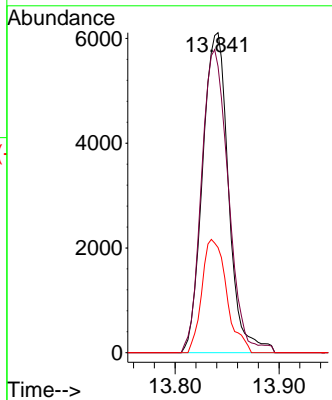
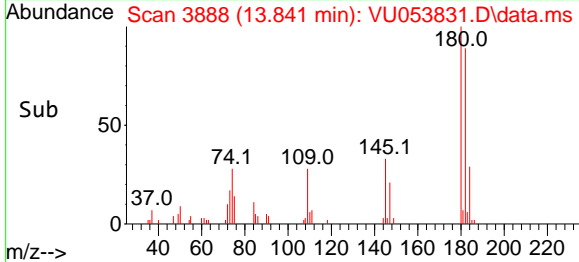
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2023



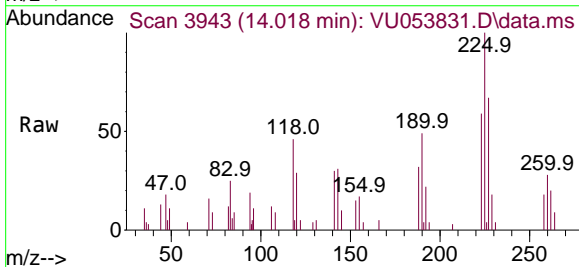
Tgt Ion:180 Resp: 1060
 Ion Ratio Lower Upper
 180 100
 182 98.0 75.8 113.6
 145 33.7 23.9 35.9

Manual Integrations
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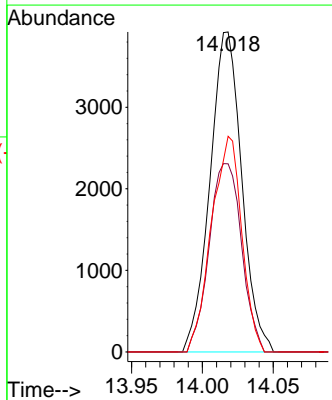
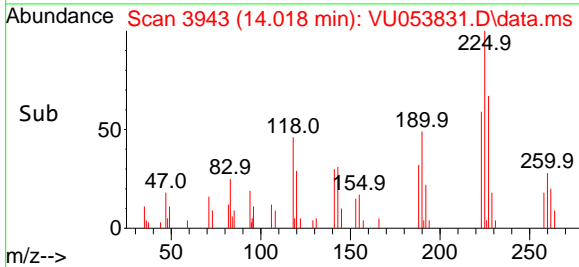
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

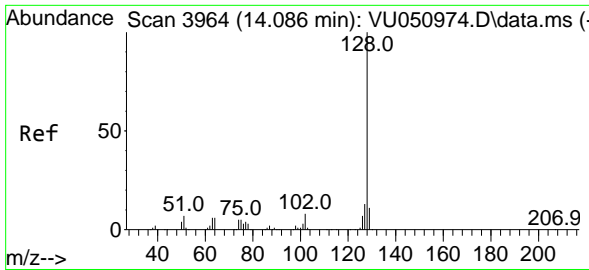


#88
 Hexachlorobutadiene
 Concen: 0.729 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. 0.000 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



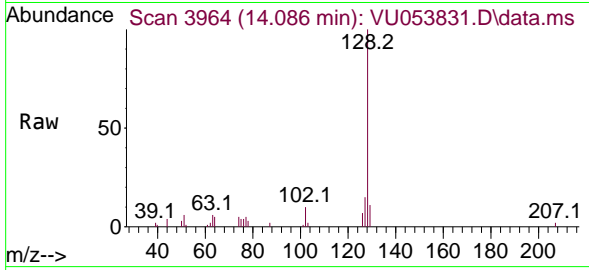
Tgt Ion:225 Resp: 6118
 Ion Ratio Lower Upper
 225 100
 223 60.1 50.2 75.4
 227 64.3 51.5 77.3





#89
 Naphthalene
 Concen: 0.605 ug/l
 RT: 14.086 min Scan# 3964
 Delta R.T. 0.004 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55

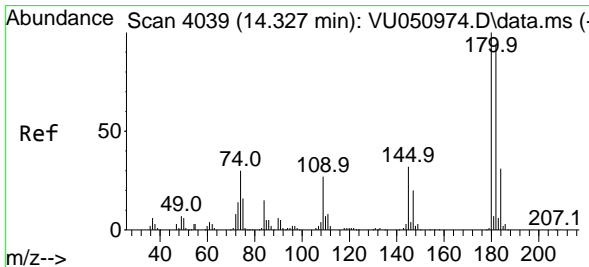
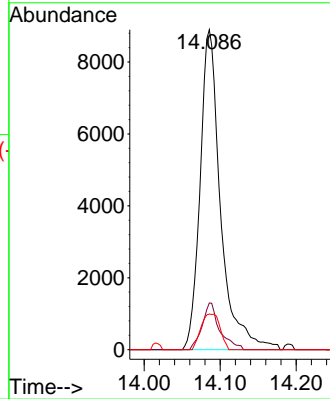
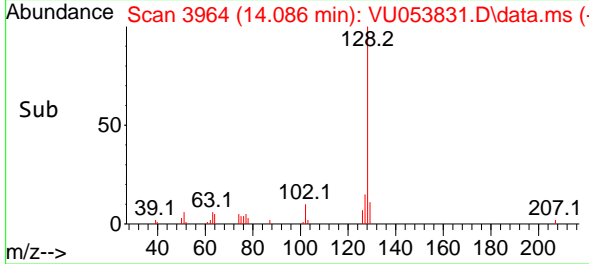
Instrument : MSVOA_U
 Client Sample Id : MDL-WATER-03-QT2-2023



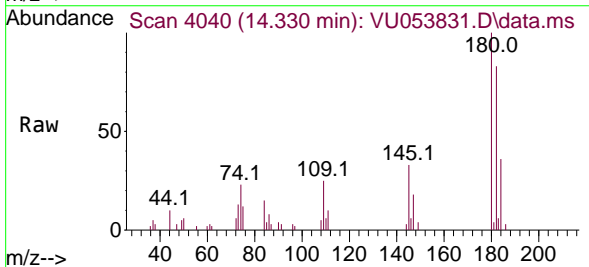
Tgt Ion:128 Resp: 1666
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.9 16.3
 129 10.4 8.6 12.8

Manual Integrations
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Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#90
 1,2,3-Trichlorobenzene
 Concen: 0.595 ug/l
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.006 min
 Lab File: VU053831.D
 Acq: 21 Apr 2023 17:55



Tgt Ion:180 Resp: 8902
 Ion Ratio Lower Upper
 180 100
 182 89.2 75.7 113.5
 145 33.3 26.1 39.1

