

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053830.D
 Acq On : 21 Apr 2023 17:31
 Operator : JC/MD
 Sample : 02213-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 22 03:20:52 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	30106	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11629	0.985	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	12759	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2904	0.318	ug/l	97
3) Chloromethane	1.517	50	2567	0.312	ug/l	100
4) Vinyl Chloride	1.604	62	2948	0.310	ug/l	# 78
5) Bromomethane	1.858	94	2669	0.373	ug/l	97
6) Chloroethane	1.935	64	2620	0.431	ug/l	98
7) Trichlorofluoromethane	2.138	101	5180	0.325	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3258	0.314	ug/l	93
9) 1,1-Dichloroethene	2.581	96	2357	0.277	ug/l	93
10) Iodomethane	2.719	142	2413	0.260	ug/l	96
11) Allyl Chloride	2.919	41	2812	0.278	ug/l	96
12) Acrylonitrile	3.346	53	779	0.367	ug/l	# 84
13) Acetone	2.649	43	3105	1.045	ug/l	92
14) Carbon Disulfide	2.790	76	4104	0.294	ug/l	97
15) Methylene Chloride	3.047	84	5685	0.456	ug/l	91
16) trans-1,2-Dichloroethene	3.350	96	2556	0.278	ug/l	# 76
17) 1,1-Dichloroethane	3.871	63	5434	0.286	ug/l	97
18) 2-Butanone	4.735	43	3042	0.790	ug/l	73
19) Cyclohexane	5.388	56	3354	0.256	ug/l	90
20) Methylcyclohexane	6.761	83	3818	0.324	ug/l	96
21) 2,2-Dichloropropane	4.665	77	5030	0.292	ug/l	# 74
22) cis-1,2-Dichloroethene	4.668	96	3258	0.283	ug/l	92
23) Diethyl Ether	2.375	59	1978	0.315	ug/l	# 87
24) tert-Butyl Alcohol	3.179	59	3129m	3.664	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	6642	0.280	ug/l	95
26) Bromochloromethane	4.977	128	1290	0.253	ug/l	87
27) Chloroform	5.083	83	5809	0.284	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	5201	0.306	ug/l	96
29) 1,1-Dichloropropene	5.526	75	3410	0.316	ug/l	98
30) Carbon Tetrachloride	5.523	117	4291	0.353	ug/l	# 96
31) Isopropyl Ether	3.986	45	7801	0.284	ug/l	89
32) Ethyl-t-butyl ether	4.498	59	7684	0.277	ug/l	92
33) Tert-Amyl methyl ether	5.941	73	6682	0.329	ug/l	# 84
35) Benzene	5.774	78	11577	0.348	ug/l	98
36) 1,2-Dichloroethane	5.797	62	3563	0.341	ug/l	# 93
37) Trichloroethene	6.542	130	3261	0.345	ug/l	88
38) 1,2-Dichloropropane	6.787	63	3486	0.368	ug/l	96
39) Methacrylonitrile	4.993	41	502	0.146	ug/l	# 88
41) Tetrahydrofuran	5.096	42	563m	0.331	ug/l	
42) 1-Chlorobutane	5.459	56	4688	0.318	ug/l	94
43) Dibromomethane	6.912	93	1447	0.301	ug/l	94
44) Bromodichloromethane	7.105	83	4013	0.331	ug/l	85
45) 4-Methyl-2-Pentanone	7.796	43	7449	1.524	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	1264m	0.623	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.970	69	2233	0.529	ug/l	95
48) Ethyl methacrylate	8.340	69	2017	0.244	ug/l	99
49) Toluene	7.964	92	6901	0.329	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	3401	0.312	ug/l	89
51) cis-1,3-Dichloropropene	7.604	75	4279	0.329	ug/l #	90
52) 1,1,2-Trichloroethane	8.398	97	2580	0.338	ug/l #	83
53) 1,3-Dichloropropane	8.575	76	3867	0.324	ug/l	91
54) 2-Hexanone	8.690	43	5326	1.162	ug/l	93
55) Dibromochloromethane	8.806	129	2453	0.306	ug/l	97
56) 1,2-Dibromoethane	8.919	107	2022	0.307	ug/l	94
58) Tetrachloroethene	8.549	164	3023	0.331	ug/l #	90
59) Chlorobenzene	9.446	112	8791	0.337	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	2913	0.310	ug/l	97
61) Pentachloroethane	11.427	117	2418	0.333	ug/l	86
62) Hexachloroethane	12.475	117	2059	0.291	ug/l	85
63) Ethyl Benzene	9.568	91	13074	0.317	ug/l	100
64) m/p-Xylenes	9.690	106	9952	0.613	ug/l	96
65) o-Xylene	10.095	106	5105	0.312	ug/l	96
66) Styrene	10.115	104	7657	0.294	ug/l	99
67) Bromoform	10.285	173	1291	0.310	ug/l #	90
69) Isopropylbenzene	10.481	105	12823	0.300	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.774	83	2957	0.301	ug/l #	95
71) 1,2,3-Trichloropropane	10.822	75	1599m	0.226	ug/l	
72) Bromobenzene	10.783	156	3649	0.332	ug/l	90
73) n-propylbenzene	10.902	120	3651	0.308	ug/l	99
74) 2-Chlorotoluene	10.983	126	3075	0.274	ug/l	95
75) 1,3,5-Trimethylbenzene	11.082	105	10300	0.276	ug/l	96
76) 4-Chlorotoluene	11.102	126	3042	0.266	ug/l	86
77) tert-Butylbenzene	11.417	119	10577	0.282	ug/l	95
78) 1,2,4-Trimethylbenzene	11.462	105	10171	0.267	ug/l	98
79) sec-Butylbenzene	11.639	105	13770	0.273	ug/l	95
80) Nitrobenzene	13.224	77	313	1.006	ug/l #	40
81) p-Isopropyltoluene	11.790	119	10875	0.263	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	7591	0.324	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	7591	0.325	ug/l	99
84) n-Butylbenzene	12.205	91	11080	0.523	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	7067	0.308	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.989	75	318	0.230	ug/l	86
87) 1,2,4-Trichlorobenzene	13.841	180	4870	0.321	ug/l	96
88) Hexachlorobutadiene	14.018	225	2424	0.300	ug/l	96
89) Naphthalene	14.089	128	8503	0.320	ug/l #	92
90) 1,2,3-Trichlorobenzene	14.330	180	4934	0.342	ug/l	93

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

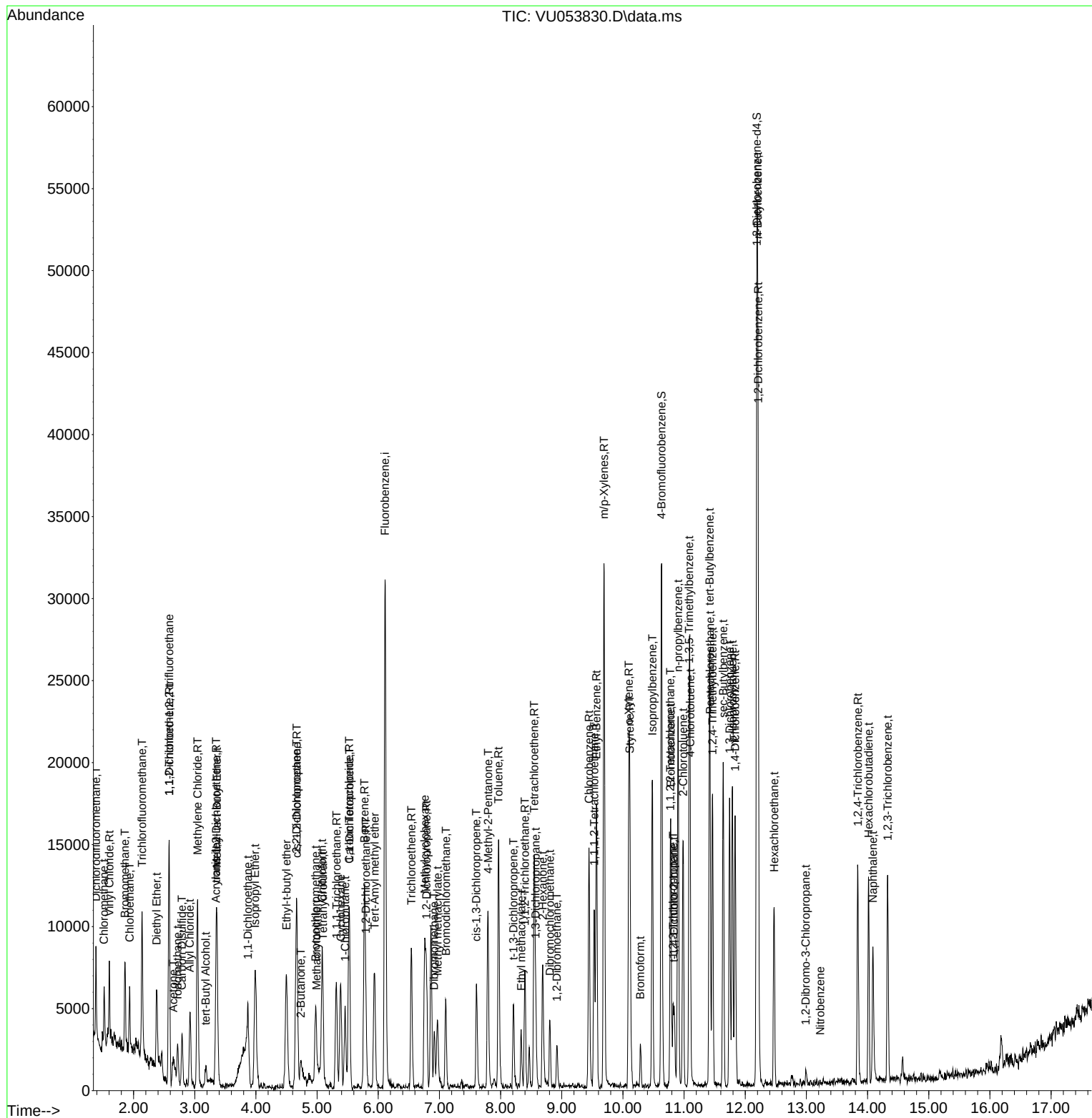
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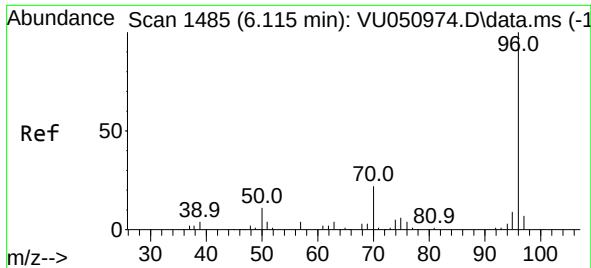
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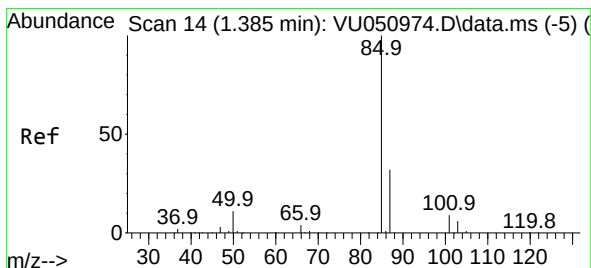
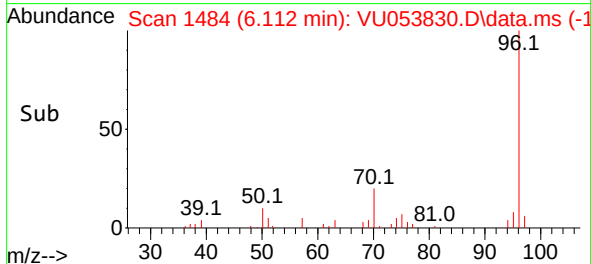
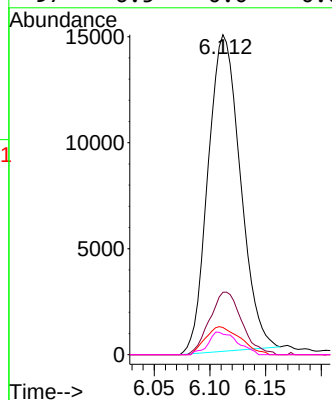
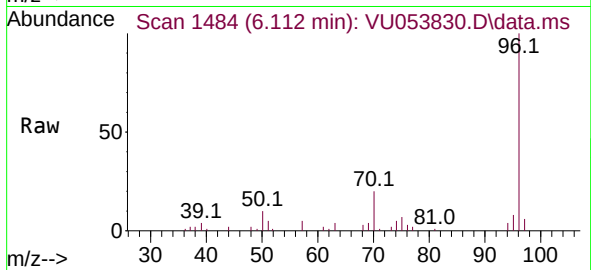
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU053830.D
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ClientSampleId :
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Tgt Ion: 96	Resp: 30100
Ion Ratio	Lower Upper
96 100	
70 19.7	16.5 24.7
95 9.5	7.4 11.0
97 6.5	0.0 0.0

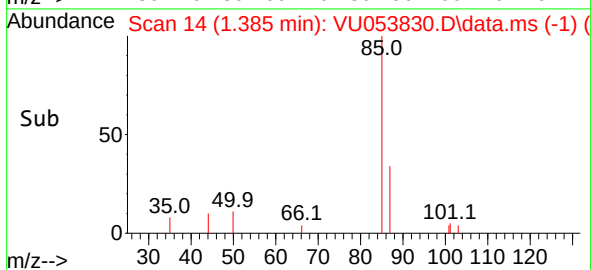
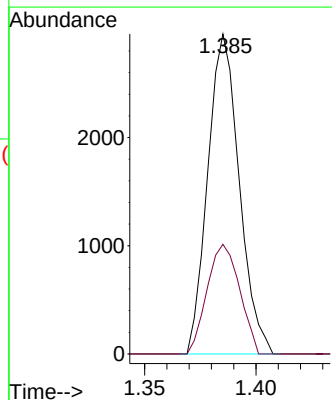
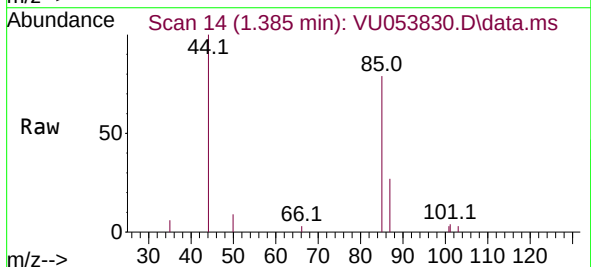
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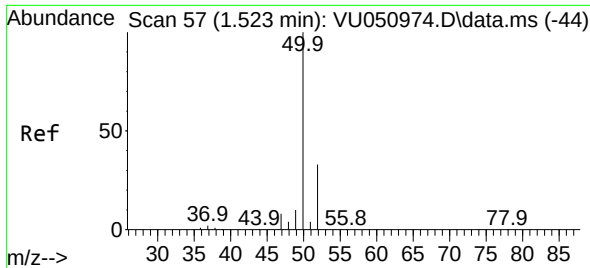
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 0.318 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

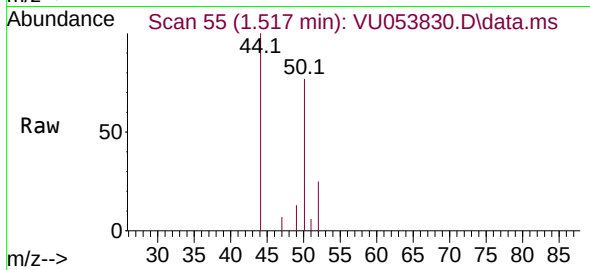
Tgt Ion: 85	Resp: 2904
Ion Ratio	Lower Upper
85 100	
87 34.2	16.2 48.6





#3
Chloromethane
Concen: 0.312 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

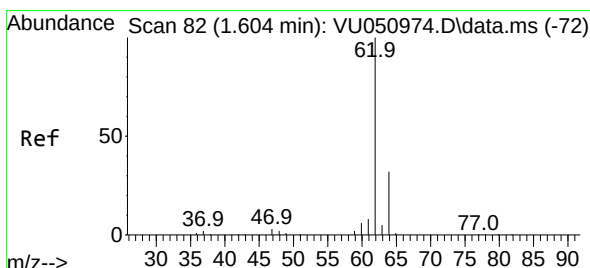
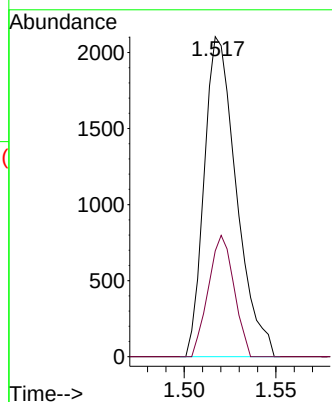
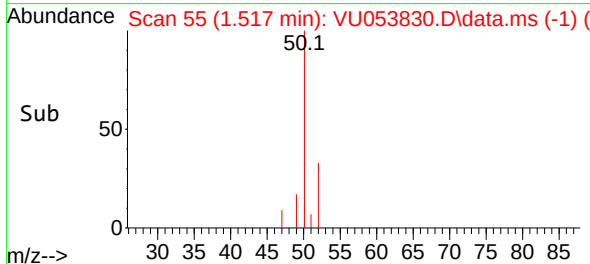
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 256
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

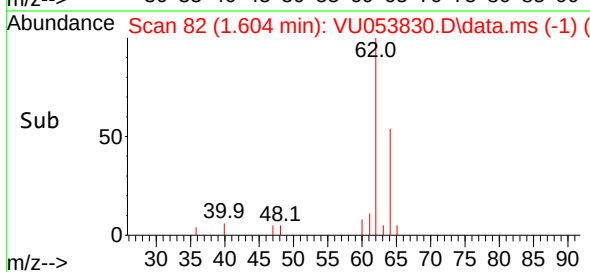
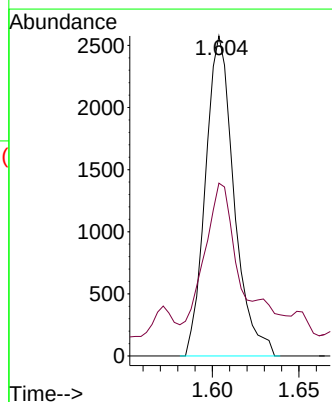
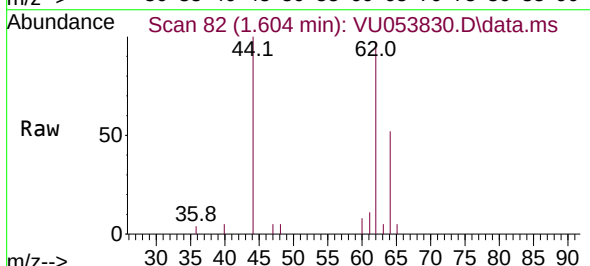
Manual Integrations
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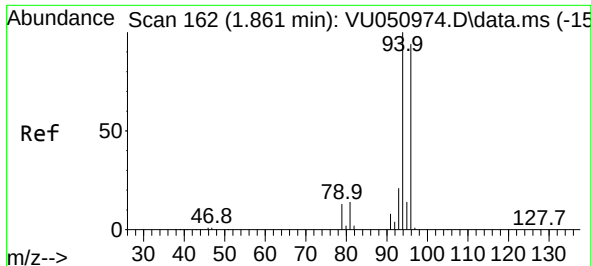
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 0.310 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

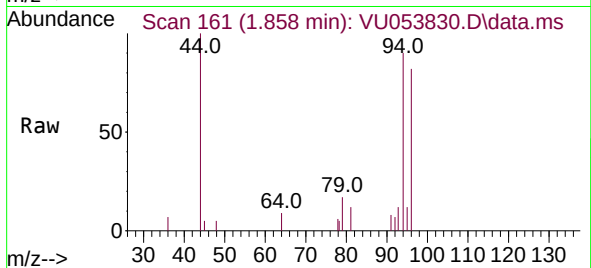
Tgt Ion: 62 Resp: 2948
Ion Ratio Lower Upper
62 100
64 44.2 25.4 38.2#





#5
Bromomethane
Concen: 0.373 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.013 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

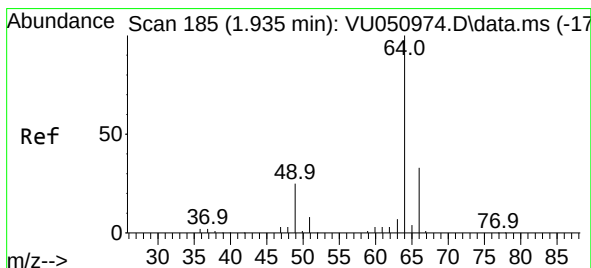
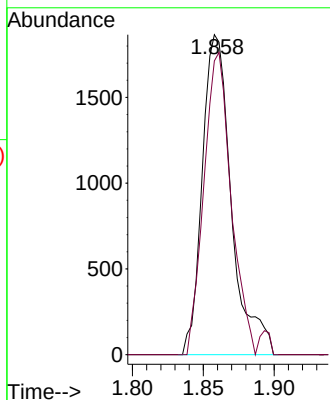
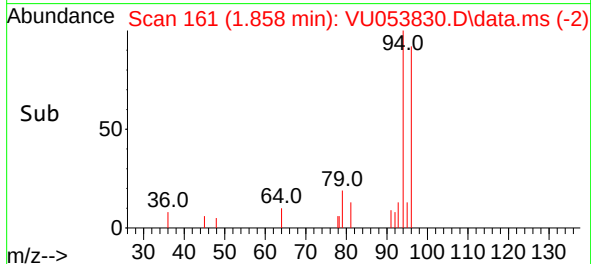
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



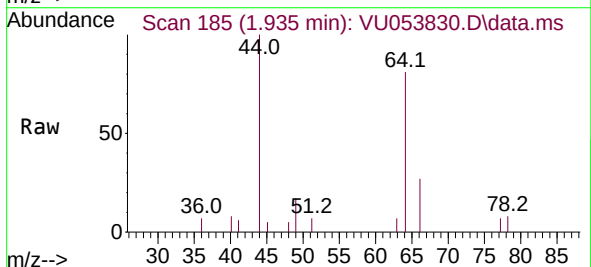
Tgt Ion: 94 Resp: 2669
Ion Ratio Lower Upper
94 100
96 91.8 75.4 113.2

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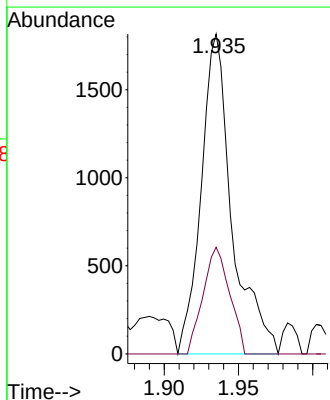
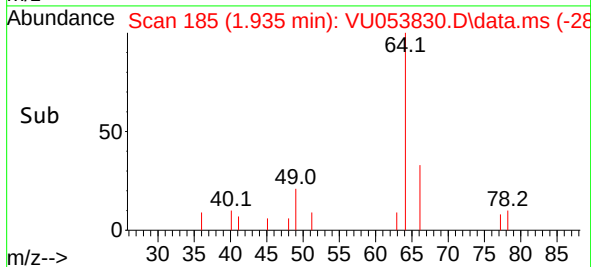
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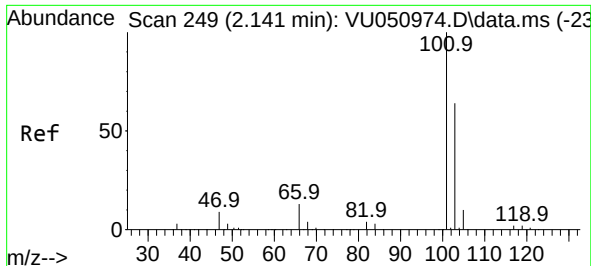


#6
Chloroethane
Concen: 0.431 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



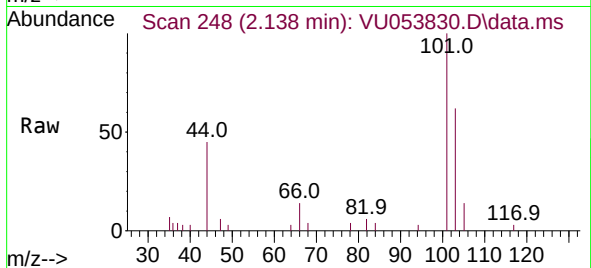
Tgt Ion: 64 Resp: 2620
Ion Ratio Lower Upper
64 100
66 33.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.325 ug/l
RT: 2.138 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053830.D
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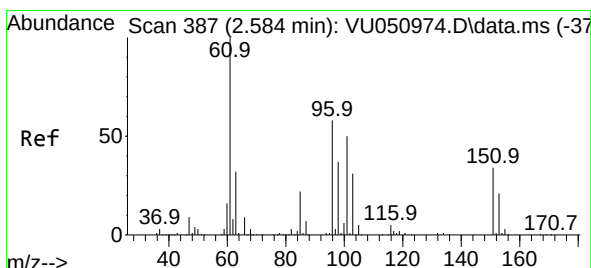
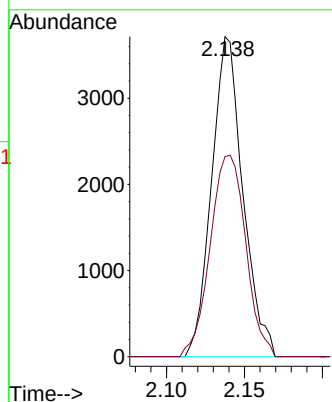
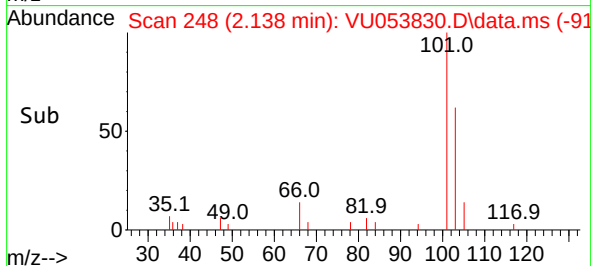
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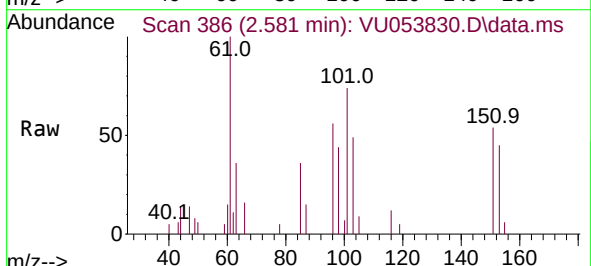
Tgt Ion:101 Resp: 5180
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0

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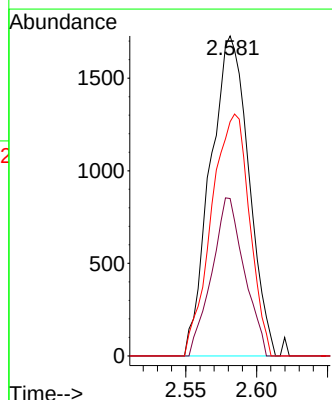
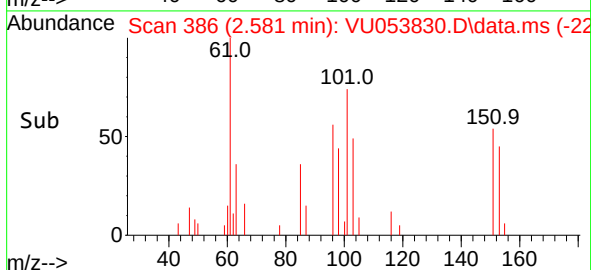
Reviewed By :Krupa Patel 04/28/2023
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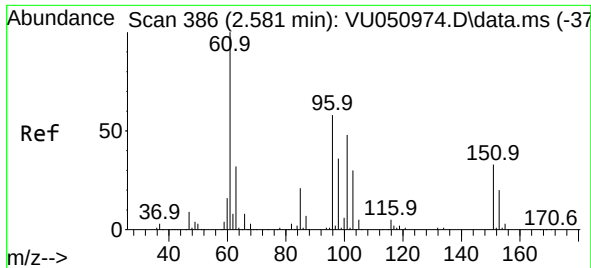


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.314 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053830.D
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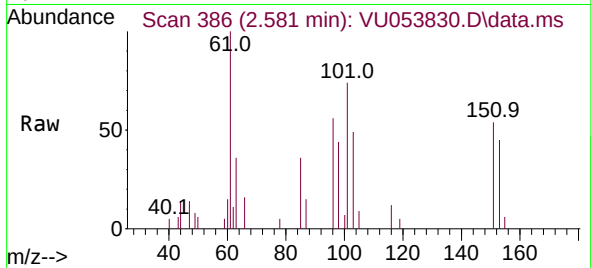
Tgt Ion:101 Resp: 3258
Ion Ratio Lower Upper
101 100
85 41.8 35.4 53.0
151 74.9 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.277 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
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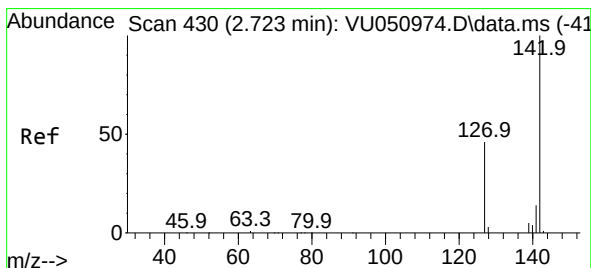
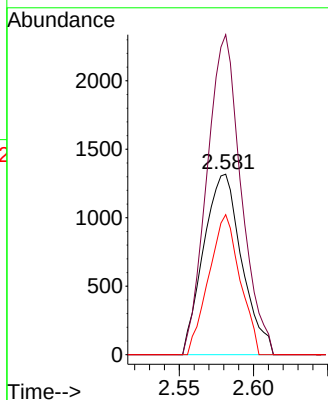
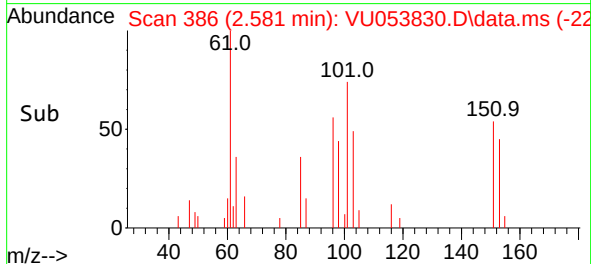
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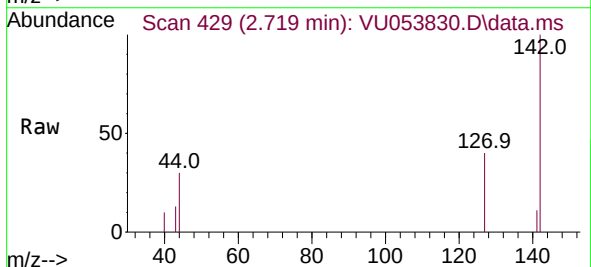
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Ion Ratio Lower Upper
96 100
61 177.3 0.0 521.4
98 77.5 0.0 125.8

Manual Integrations
APPROVED

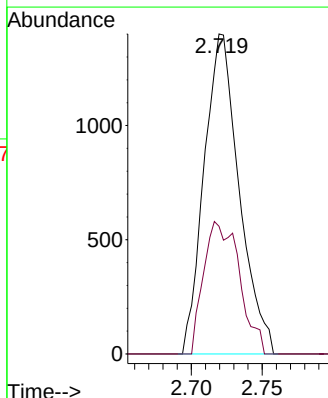
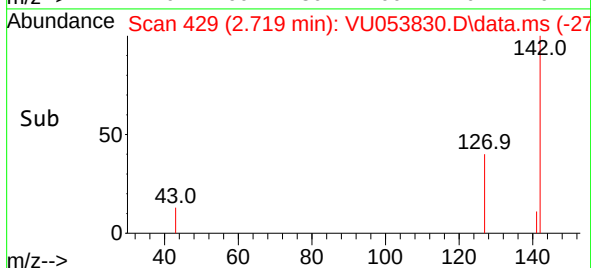
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

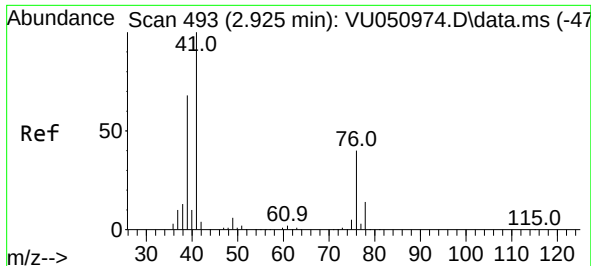


#10
Iodomethane
Concen: 0.260 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.001 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



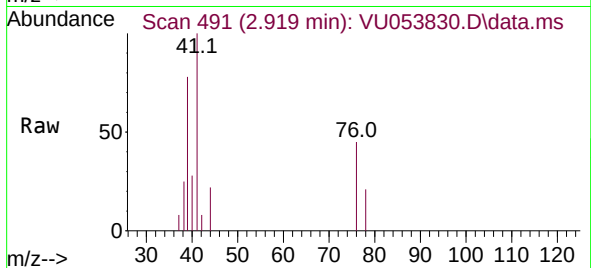
Tgt Ion:142 Resp: 2413
Ion Ratio Lower Upper
142 100
127 42.1 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.278 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VU053830.D
 Acq: 21 Apr 2023 17:31

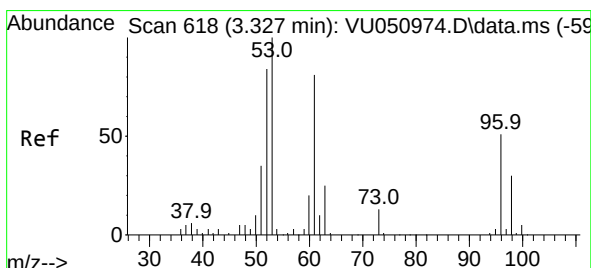
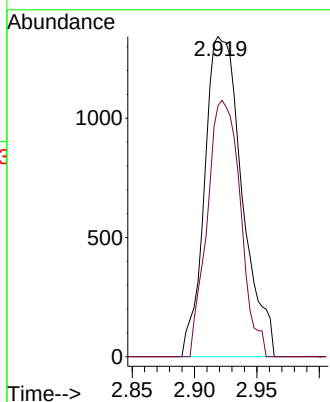
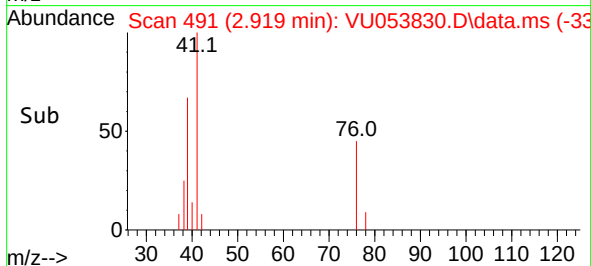
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2023



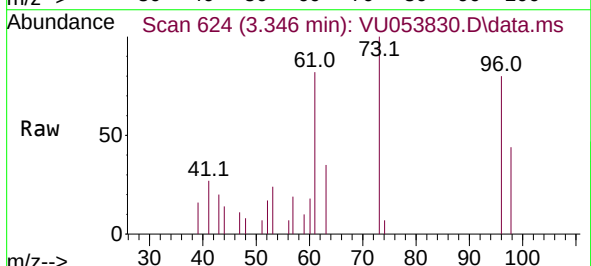
Tgt Ion: 41 Resp: 281
 Ion Ratio Lower Upper
 41 100
 39 70.9 54.2 81.2

Manual Integrations
 APPROVED

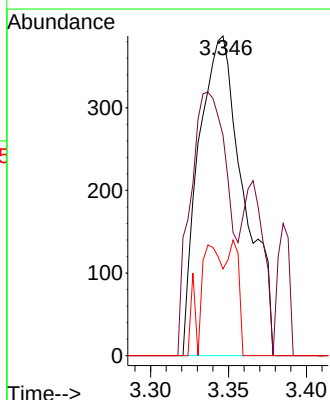
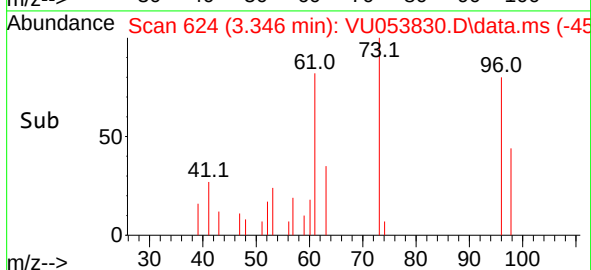
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

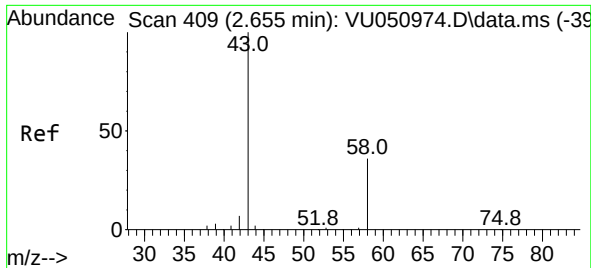


#12
 Acrylonitrile
 Concen: 0.367 ug/l
 RT: 3.346 min Scan# 624
 Delta R.T. 0.039 min
 Lab File: VU053830.D
 Acq: 21 Apr 2023 17:31



Tgt Ion: 53 Resp: 779
 Ion Ratio Lower Upper
 53 100
 52 69.4 62.9 94.3
 51 17.5 27.8 41.6#





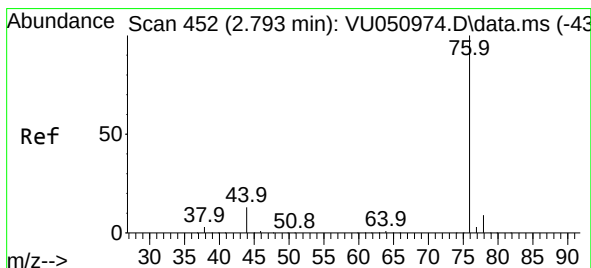
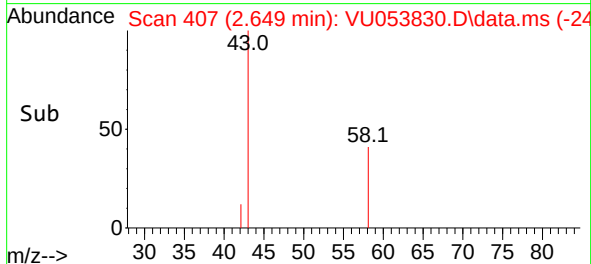
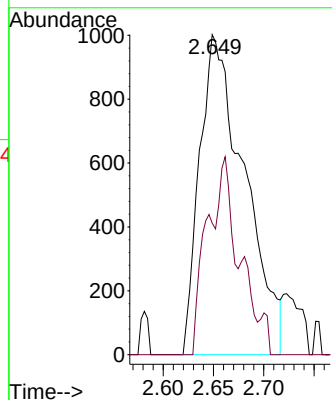
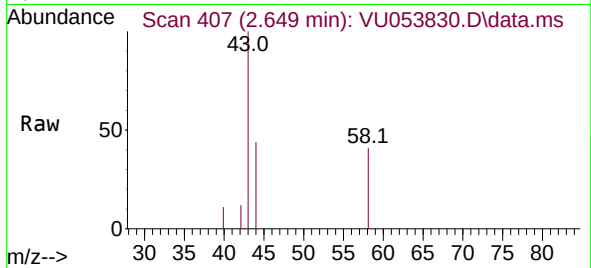
#13
Acetone
Concen: 1.045 ug/l
RT: 2.649 min Scan# 409
Delta R.T. 0.029 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.4

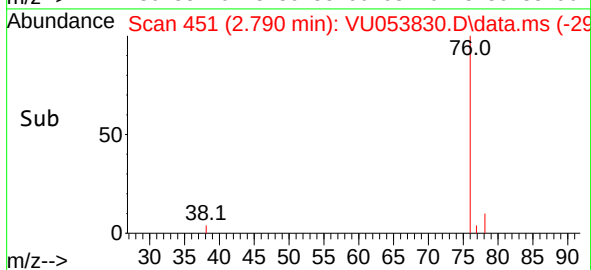
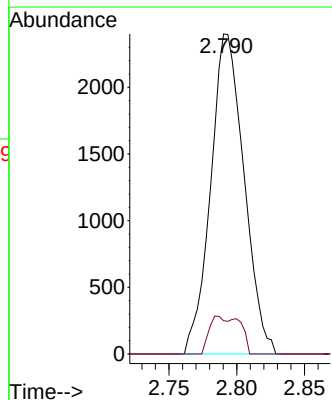
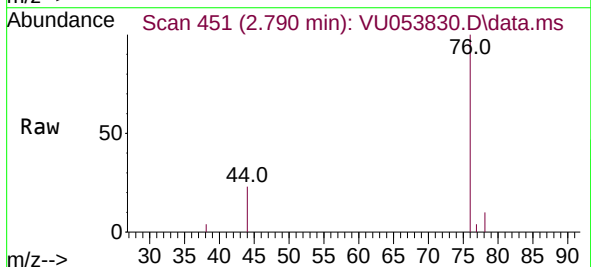
Manual Integrations
APPROVED

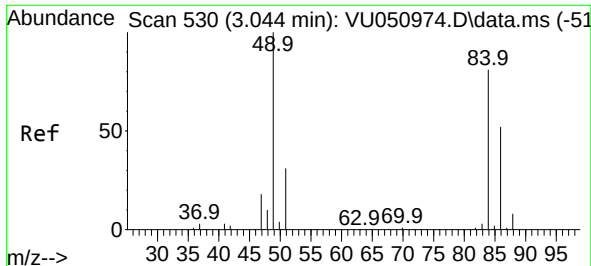
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#14
Carbon Disulfide
Concen: 0.294 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

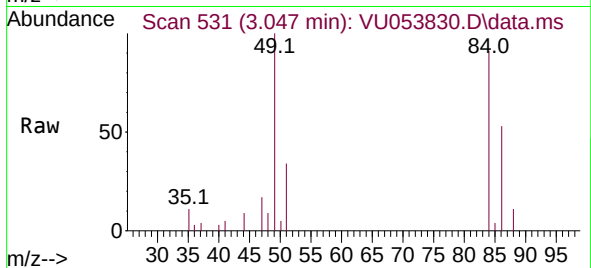
Tgt Ion: 76 Resp: 4104
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0





#15
Methylene Chloride
Concen: 0.456 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

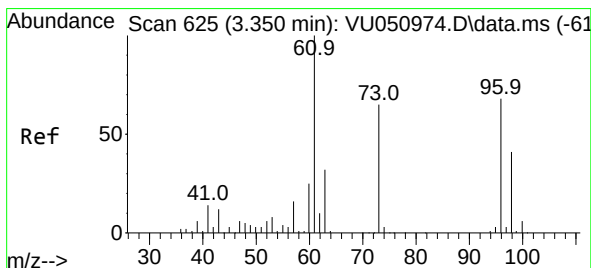
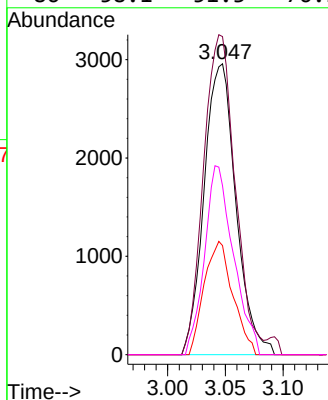
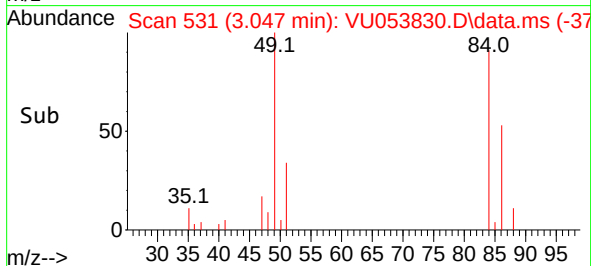
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 84 Resp: 568
Ion Ratio Lower Upper
84 100
49 109.4 98.9 148.3
51 37.5 0.0 75.4
86 58.1 51.3 76.9

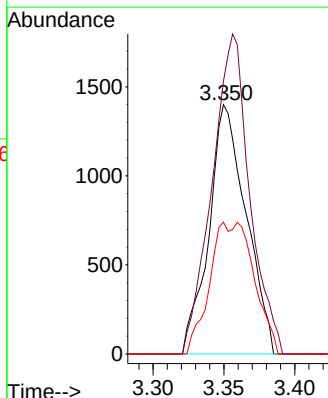
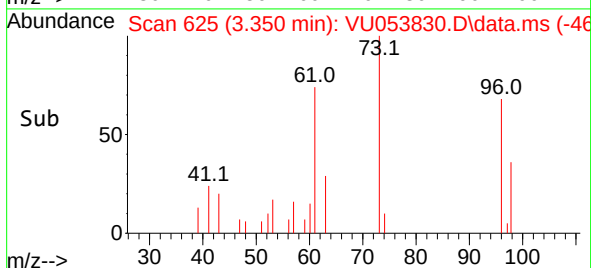
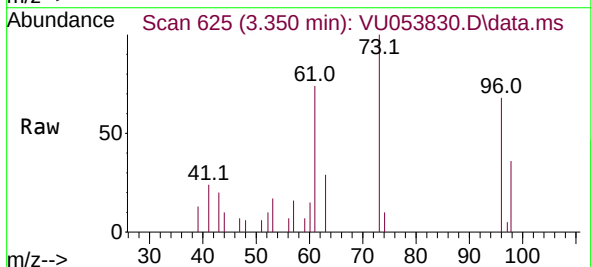
Manual Integrations
APPROVED

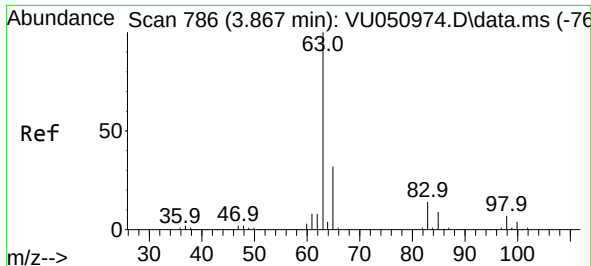
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 0.278 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

Tgt Ion: 96 Resp: 2556
Ion Ratio Lower Upper
96 100
61 109.5 117.5 176.3#
98 52.9 48.3 72.5





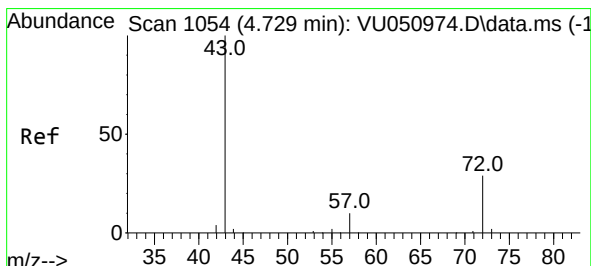
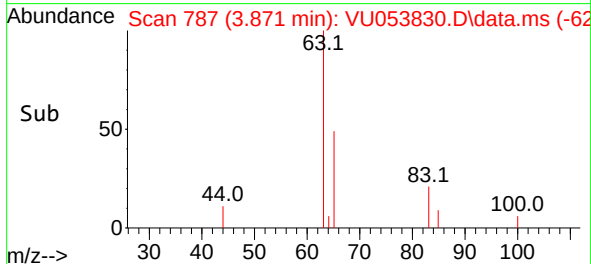
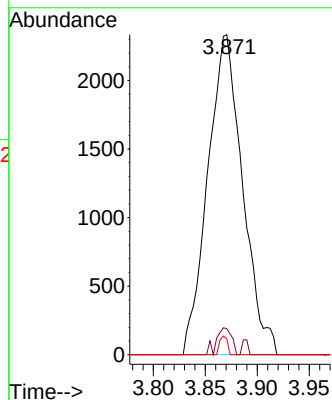
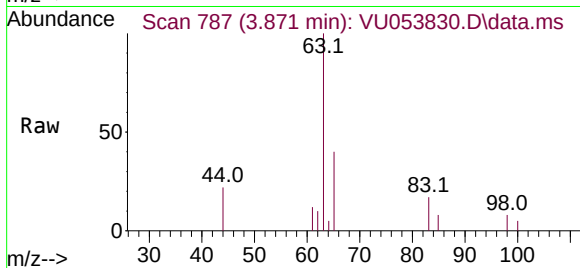
#17
1,1-Dichloroethane
Concen: 0.286 ug/l
RT: 3.871 min Scan# 71
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion: 63 Resp: 5434
Ion Ratio Lower Upper
63 100
98 8.1 3.4 10.1
100 5.0 2.2 6.6

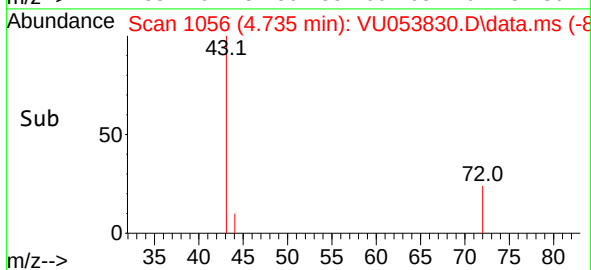
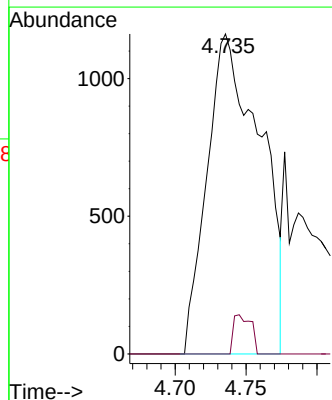
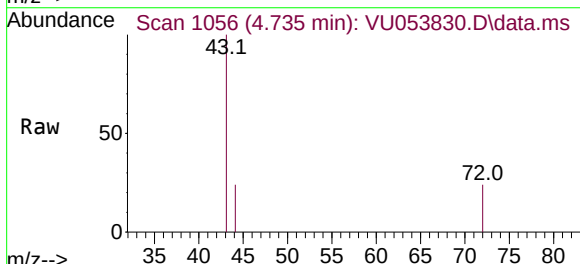
Manual Integrations
APPROVED

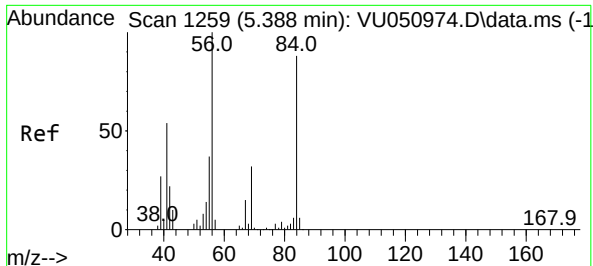
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 0.790 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.022 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.6





#19

Cyclohexane

Concen: 0.256 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. 0.013 min

Lab File: VU053830.D

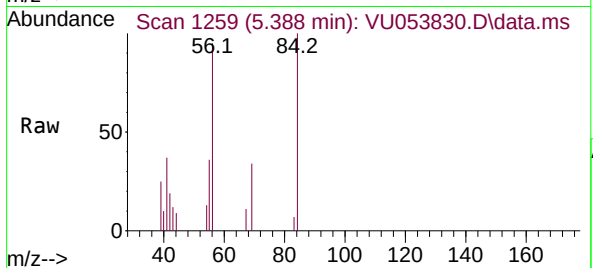
Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

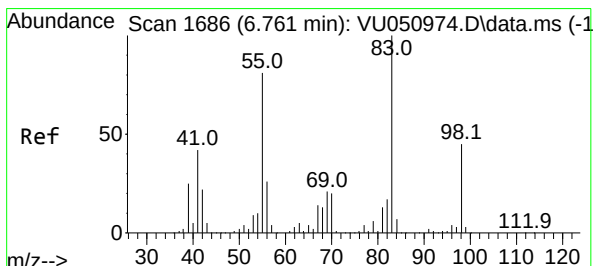
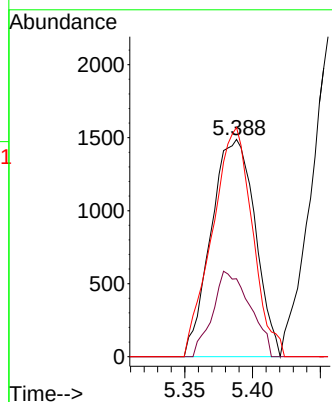
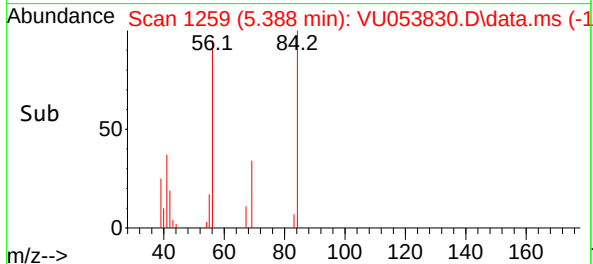


Tgt Ion:	56	Resp:	3354
Ion Ratio	100	Lower	Upper
56	100		
69	33.4	24.6	37.0
84	96.5	68.4	102.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylcyclohexane

Concen: 0.324 ug/l

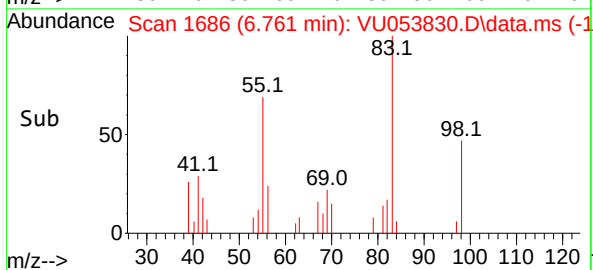
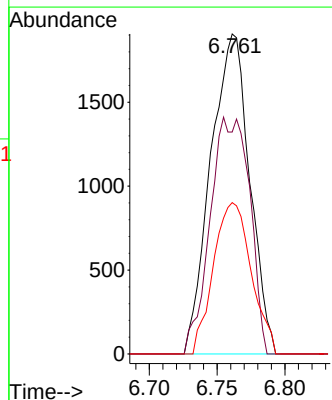
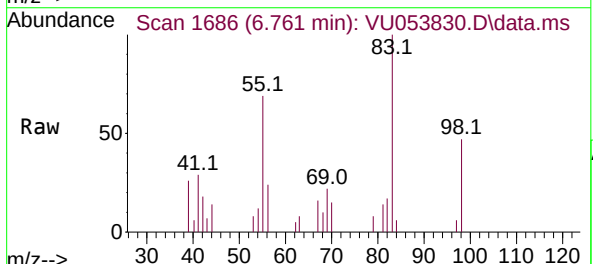
RT: 6.761 min Scan# 1686

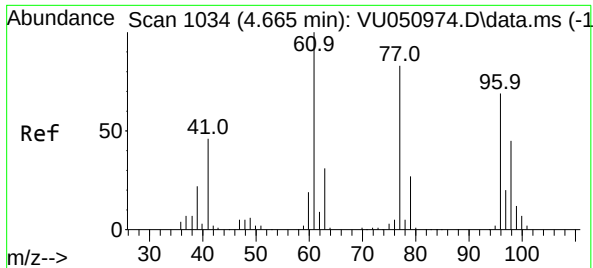
Delta R.T. 0.006 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Tgt Ion:	83	Resp:	3818
Ion Ratio	100	Lower	Upper
83	100		
55	74.9	63.5	95.3
98	45.8	36.0	54.0





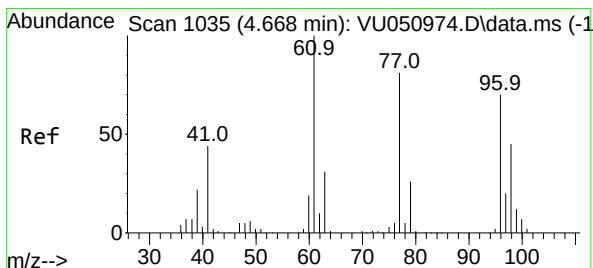
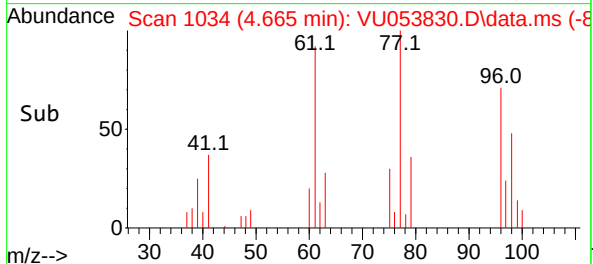
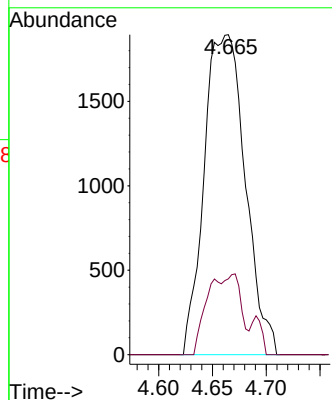
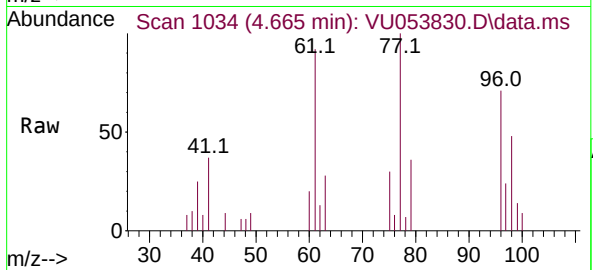
#21
2,2-Dichloropropane
Concen: 0.292 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion: 77 Resp: 5030
Ion Ratio Lower Upper
77 100
97 10.2 18.4 27.6

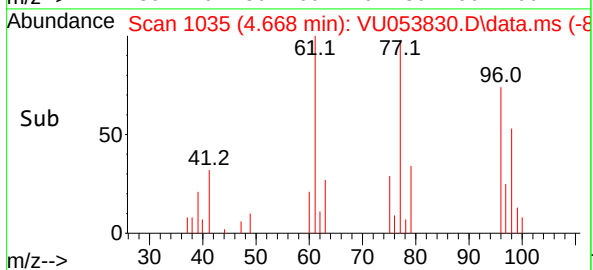
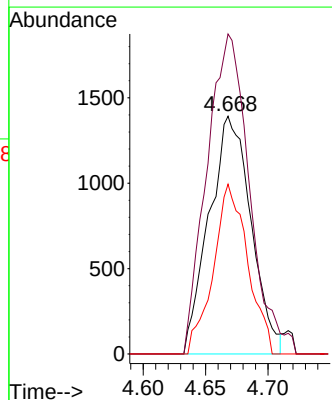
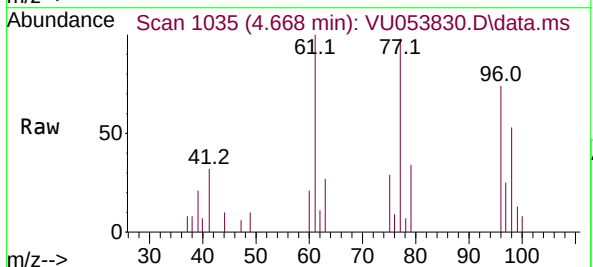
Manual Integrations
APPROVED

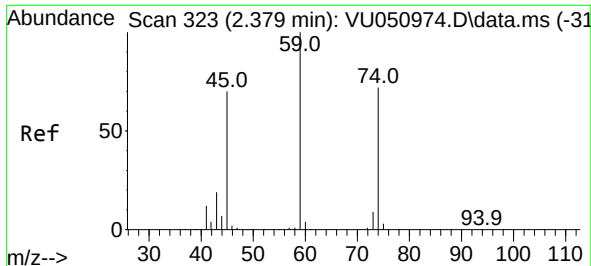
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
cis-1,2-Dichloroethene
Concen: 0.283 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

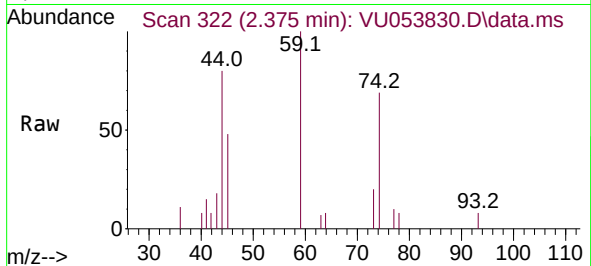
Tgt Ion: 96 Resp: 3258
Ion Ratio Lower Upper
96 100
61 136.3 0.0 365.8
98 58.5 32.0 96.0





#23
Diethyl Ether
Concen: 0.315 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

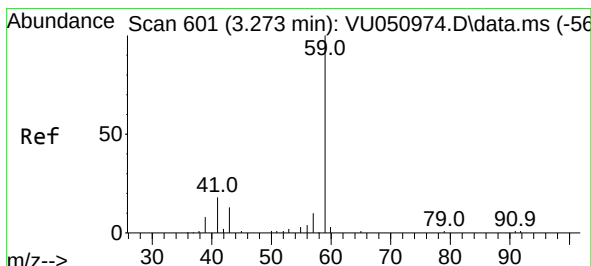
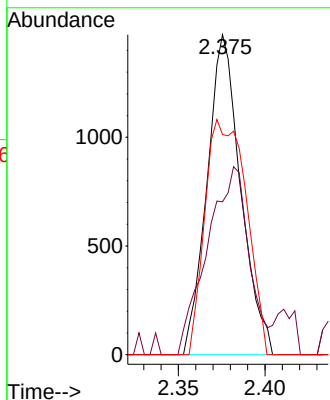
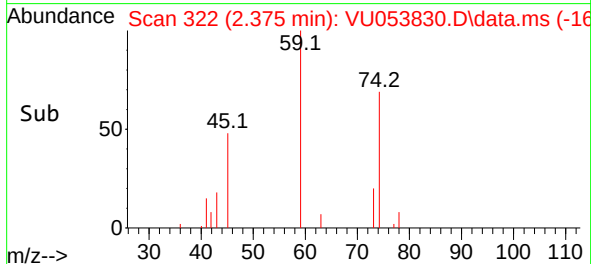
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 59 Resp: 1978
Ion Ratio Lower Upper
59 100
45 73.1 56.1 84.1
74 90.3 57.4 86.2

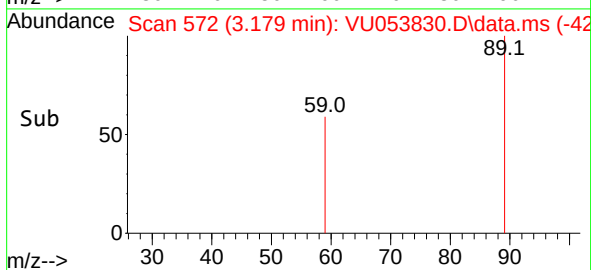
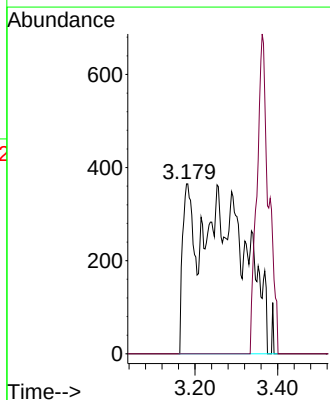
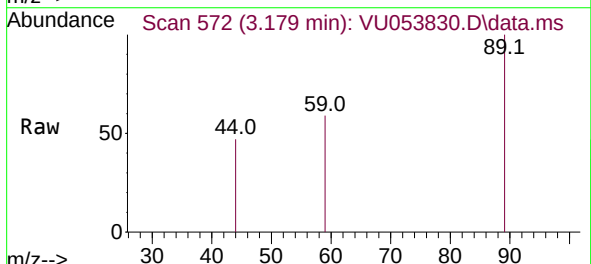
Manual Integrations
APPROVED

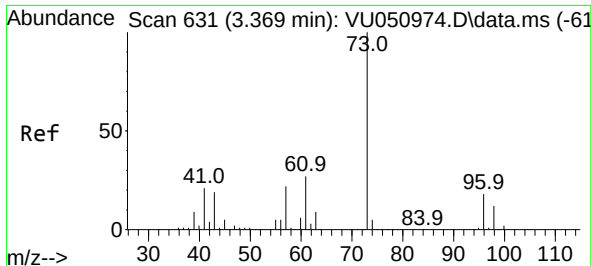
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#24
tert-Butyl Alcohol
Concen: 3.664 ug/l m
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

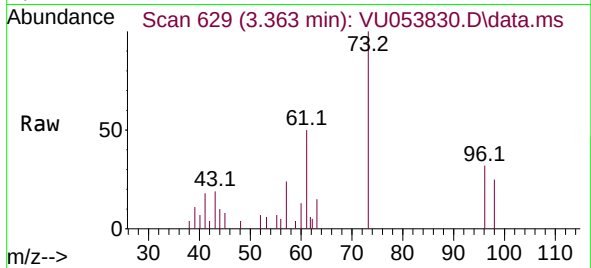
Tgt Ion: 59 Resp: 3129
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4





#25
Methyl tert-Butyl Ether
Concen: 0.280 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

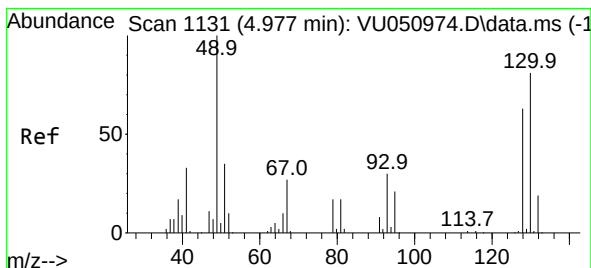
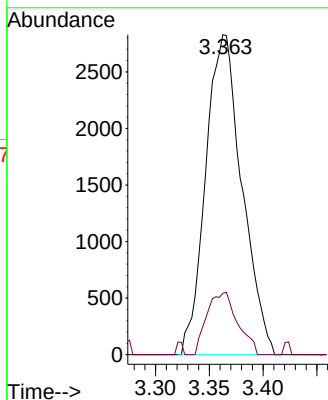
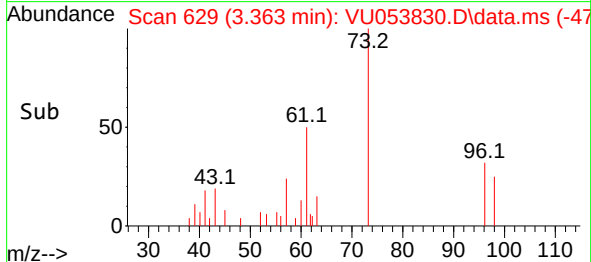
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



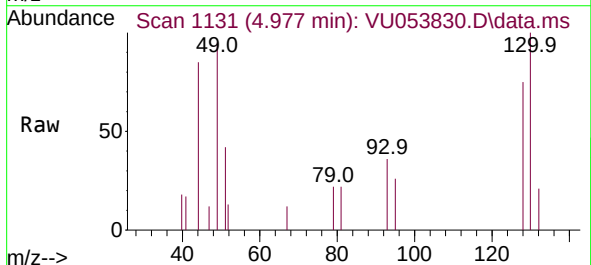
Tgt Ion: 73 Resp: 664
Ion Ratio Lower Upper
73 100
43 16.5 15.0 22.6

Manual Integrations
APPROVED

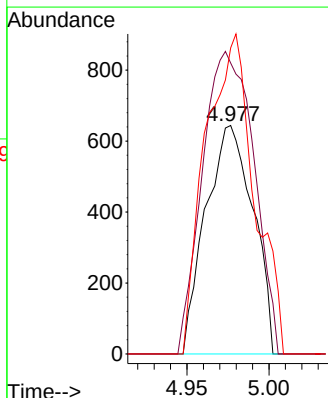
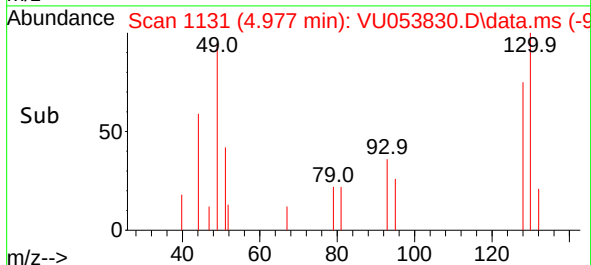
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

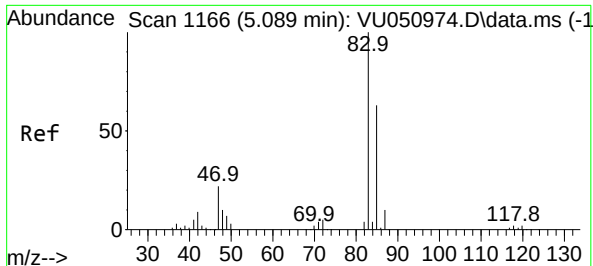


#26
Bromochloromethane
Concen: 0.253 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



Tgt Ion:128 Resp: 1290
Ion Ratio Lower Upper
128 100
49 144.1 0.0 324.6
130 144.0 103.0 154.4





#27

Chloroform

Concen: 0.284 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 83 Resp: 5809

Ion Ratio Lower Upper

83 100

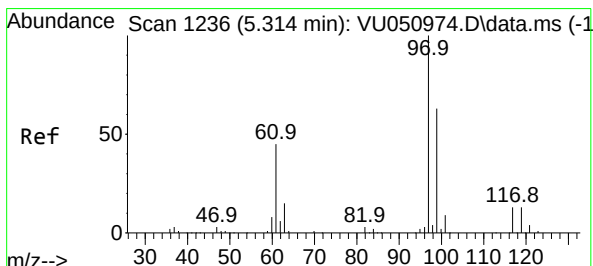
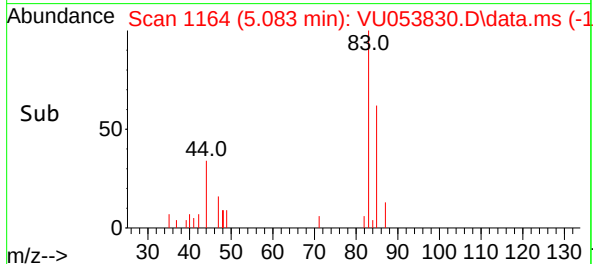
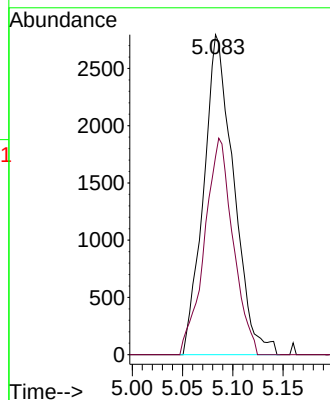
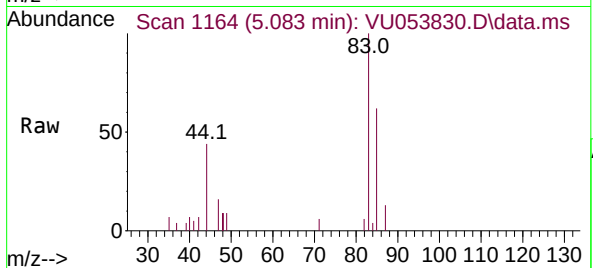
85 61.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 0.306 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.010 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

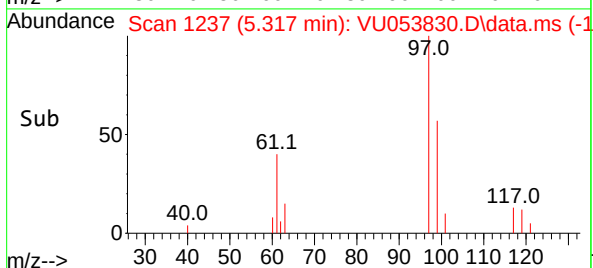
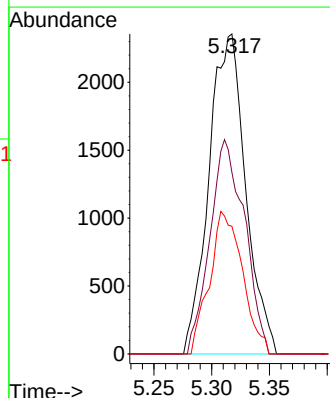
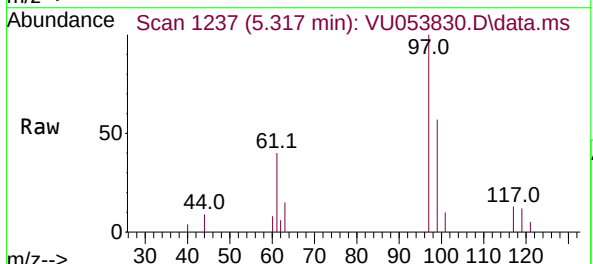
Tgt Ion: 97 Resp: 5201

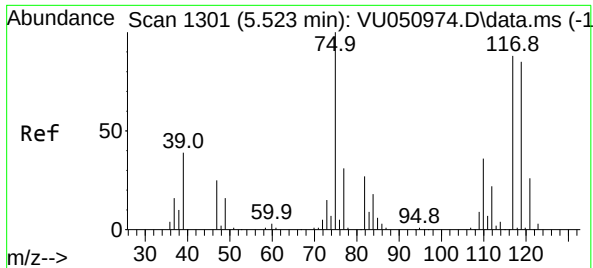
Ion Ratio Lower Upper

97 100

99 63.4 32.0 96.2

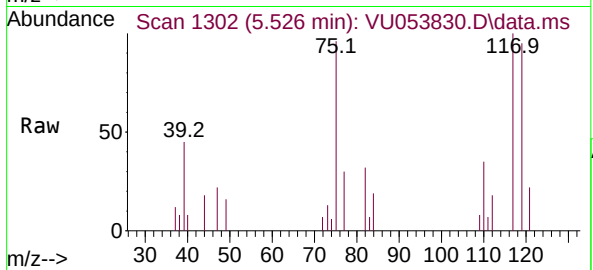
61 40.0 22.9 68.5





#29
1,1-Dichloropropene
Concen: 0.316 ug/l
RT: 5.526 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

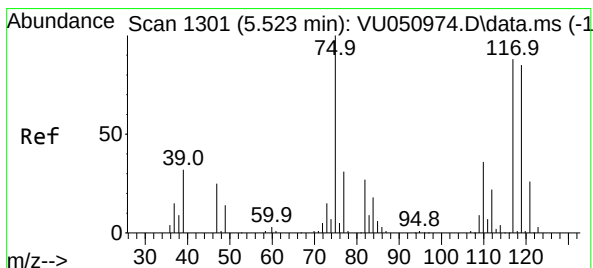
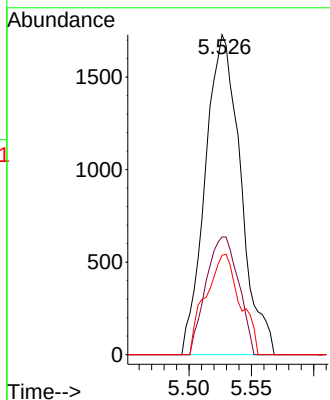
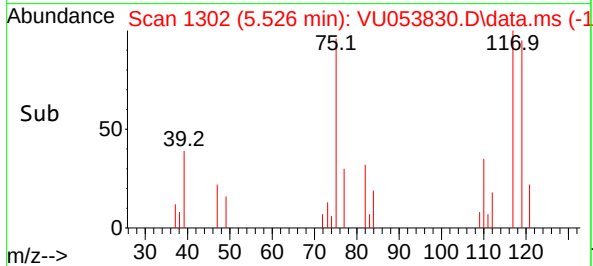
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



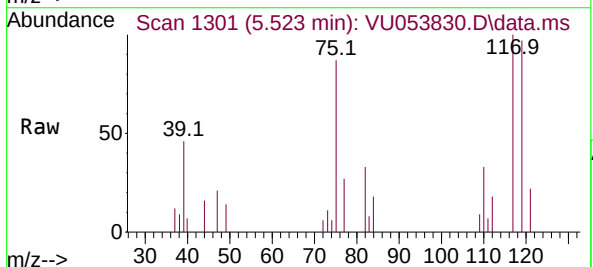
Tgt Ion: 75 Resp: 3410
Ion Ratio Lower Upper
75 100
110 33.9 18.0 54.0
77 30.4 24.7 37.1

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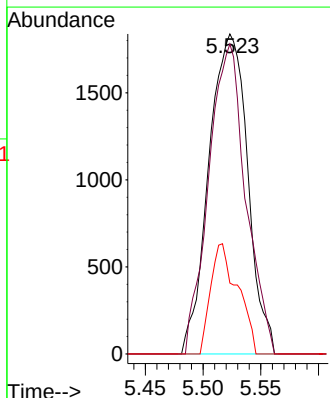
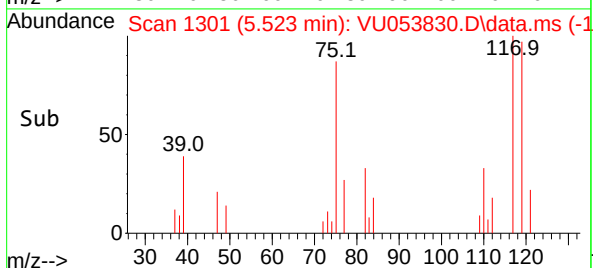
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

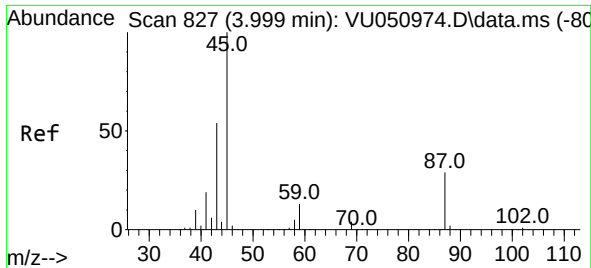


#30
Carbon Tetrachloride
Concen: 0.353 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



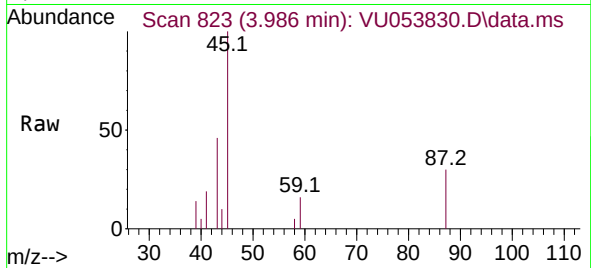
Tgt Ion:117 Resp: 4291
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
121 22.1 24.0 36.0#





#31
Isopropyl Ether
Concen: 0.284 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

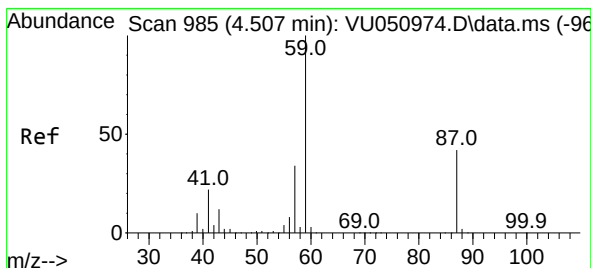
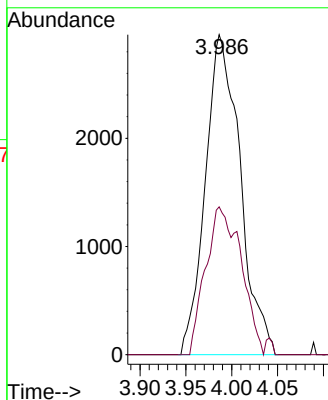
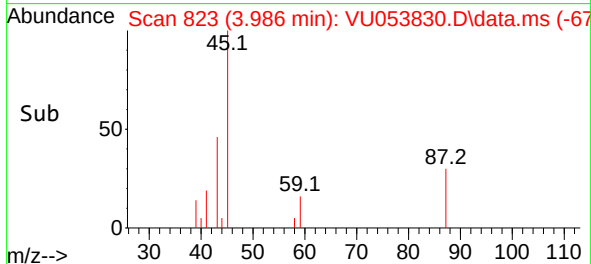
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 45 Resp: 780
Ion Ratio Lower Upper
45 100
43 47.3 27.5 82.5

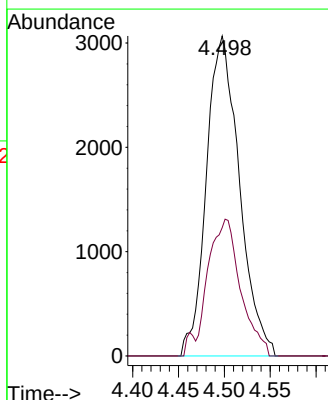
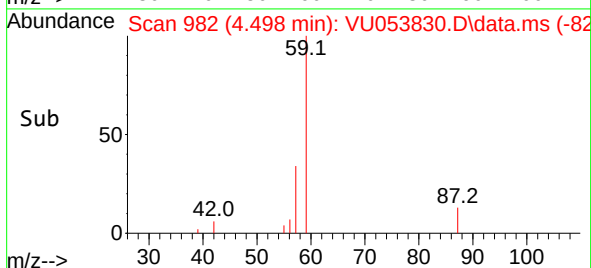
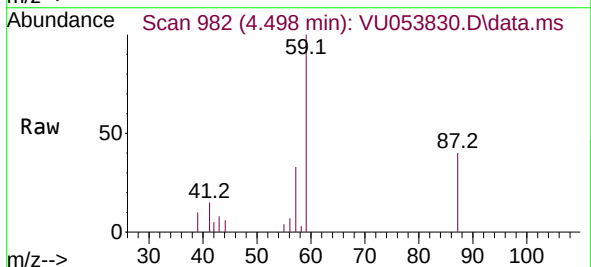
Manual Integrations
APPROVED

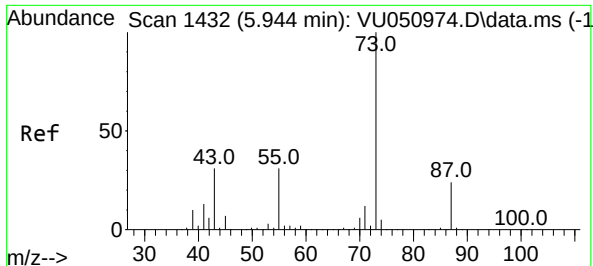
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#32
Ethyl-t-butyl ether
Concen: 0.277 ug/l
RT: 4.498 min Scan# 982
Delta R.T. -0.009 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

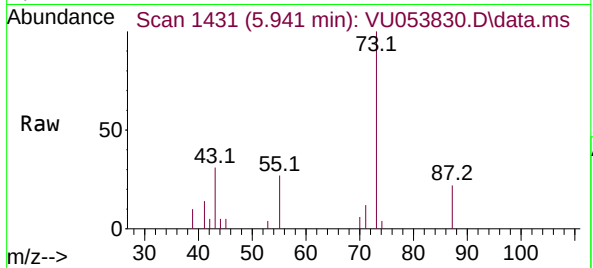
Tgt Ion: 59 Resp: 7684
Ion Ratio Lower Upper
59 100
87 36.9 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.329 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

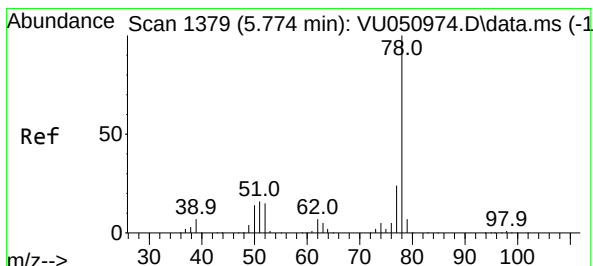
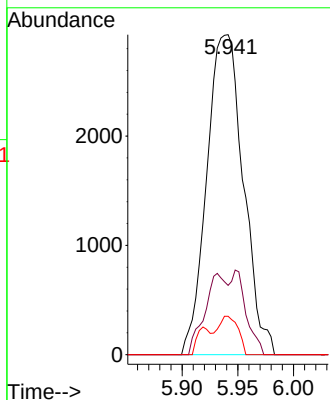
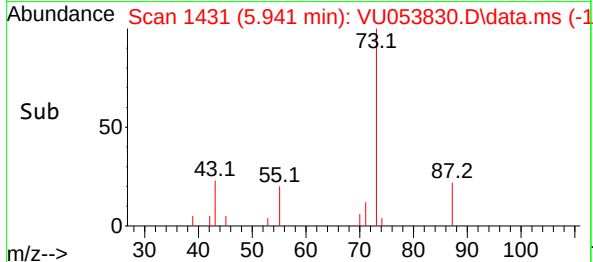
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 73 Resp: 668
Ion Ratio Lower Upper
73 100
87 15.7 18.6 28.0
71 6.4 9.9 14.9

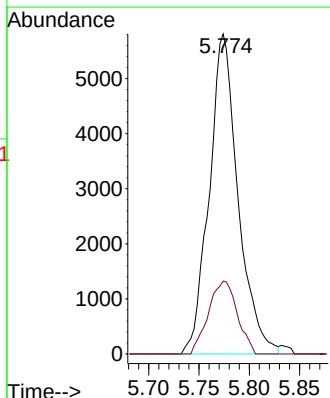
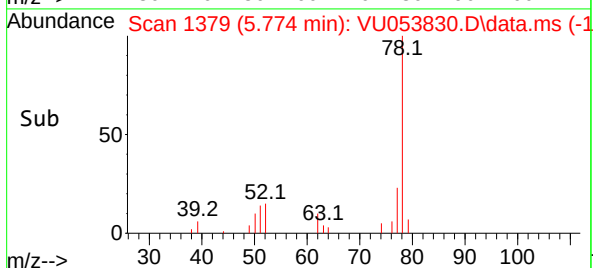
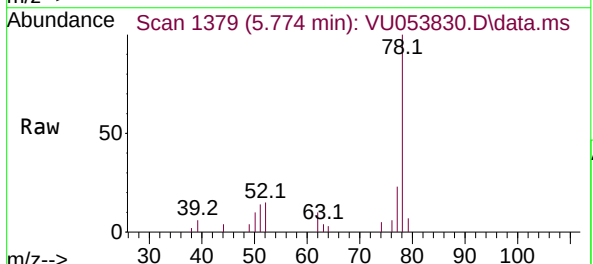
Manual Integrations
APPROVED

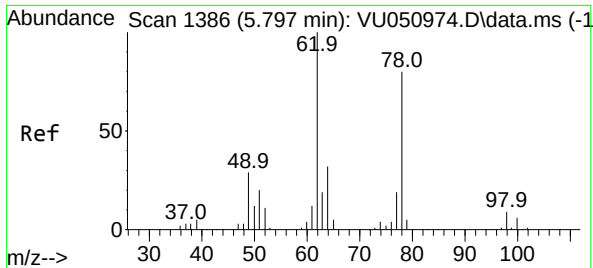
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#35
Benzene
Concen: 0.348 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

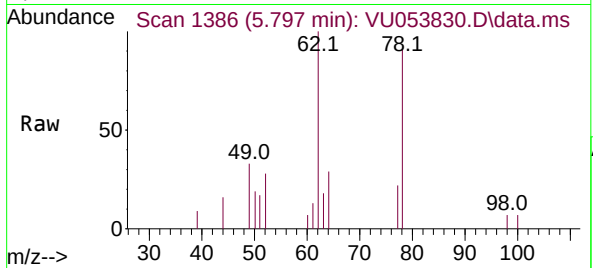
Tgt Ion: 78 Resp: 11577
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3





#36
1,2-Dichloroethane
Concen: 0.341 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

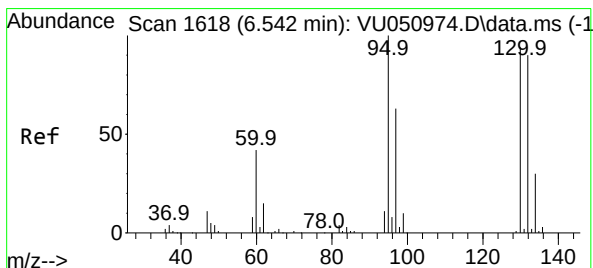
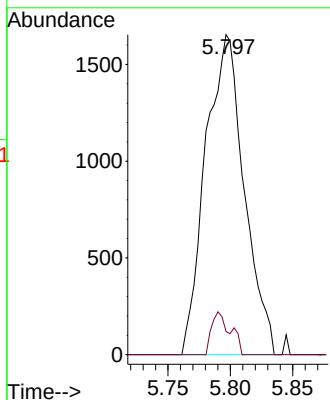
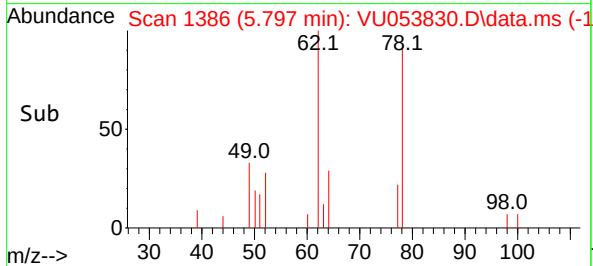
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2023



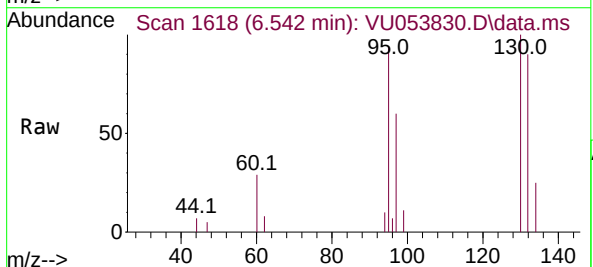
Tgt Ion: 62 Resp: 356
Ion Ratio Lower Upper
62 100
98 6.5 7.3 10.9

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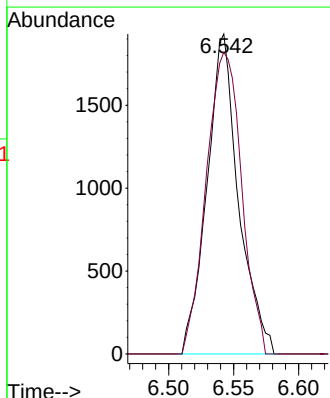
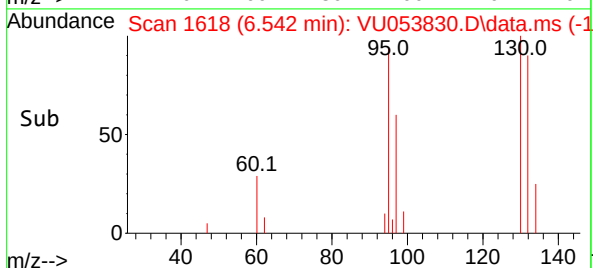
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

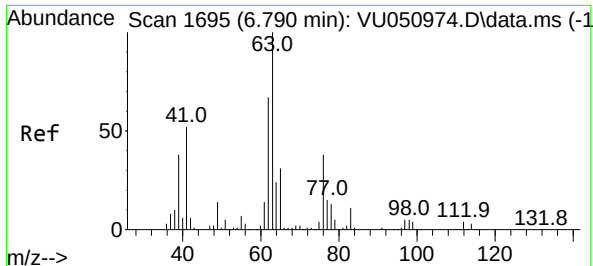


#37
Trichloroethene
Concen: 0.345 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



Tgt Ion:130 Resp: 3261
Ion Ratio Lower Upper
130 100
95 94.3 85.0 127.6





#38

1,2-Dichloropropane

Concen: 0.368 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 63 Resp: 348

Ion Ratio Lower Upper

63 100

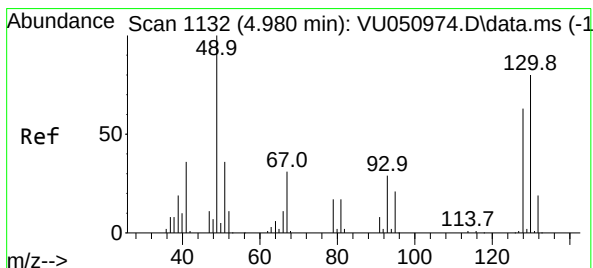
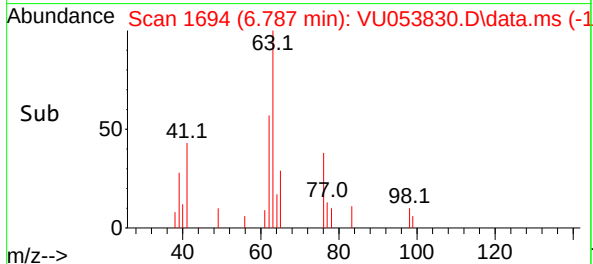
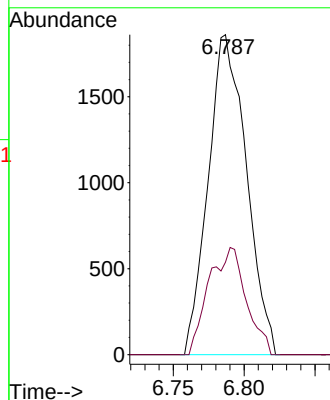
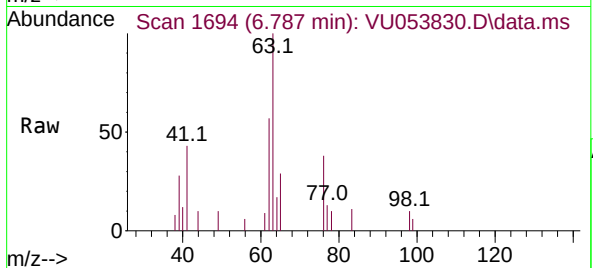
65 28.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#39

Methacrylonitrile

Concen: 0.146 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.019 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Tgt Ion: 41 Resp: 502

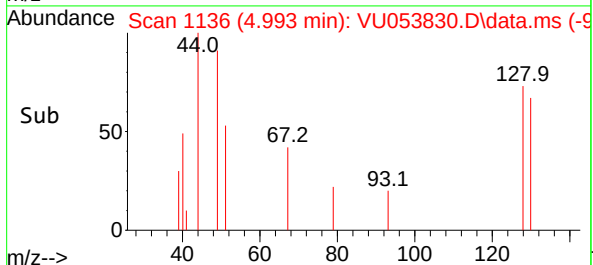
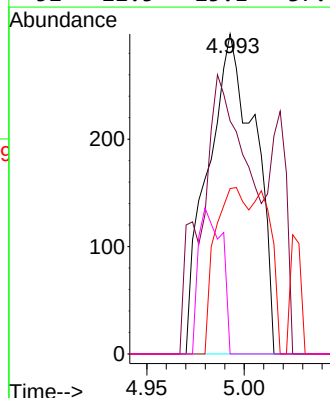
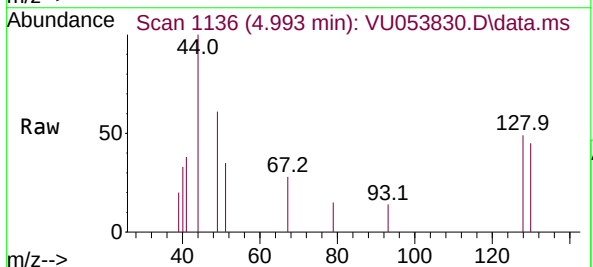
Ion Ratio Lower Upper

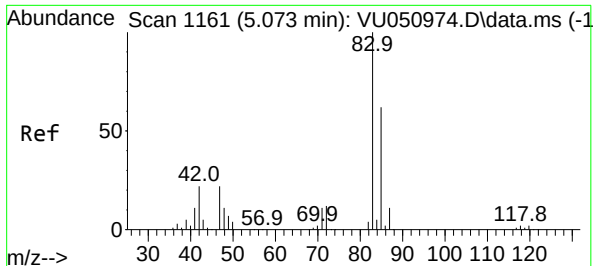
41 100

67 87.1 66.8 100.2

39 36.3 41.2 61.8#

52 22.5 25.1 37.7#





#41

Tetrahydrofuran

Concen: 0.331 ug/l m

RT: 5.096 min Scan# 1161

Delta R.T. 0.032 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 42 Resp: 56

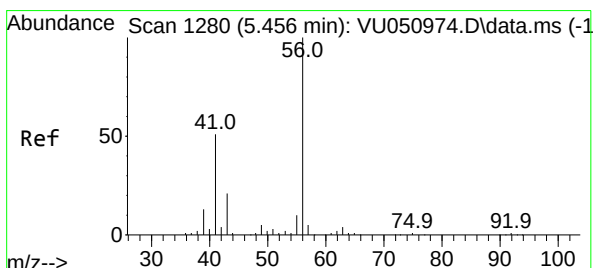
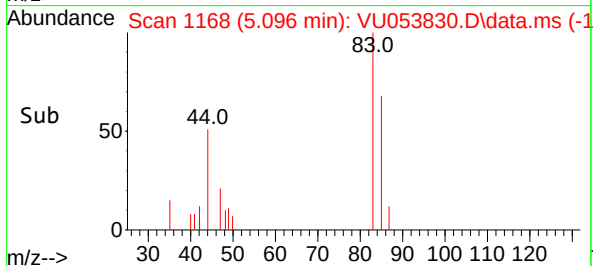
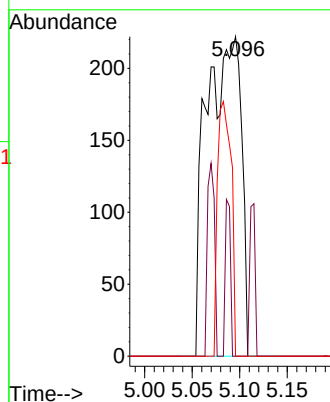
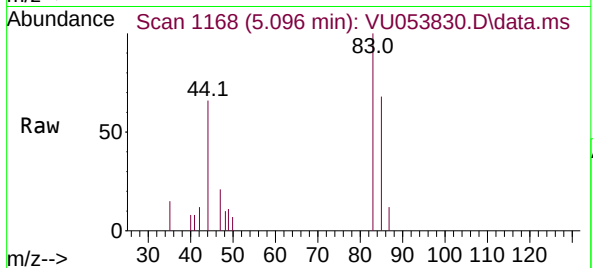
Ion	Ratio	Lower	Upper
42	100		
72	12.4	40.9	61.3
71	0.0	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 0.318 ug/l

RT: 5.459 min Scan# 1281

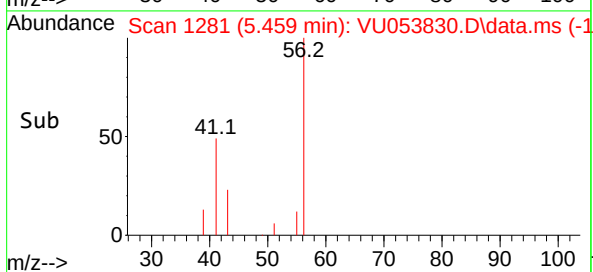
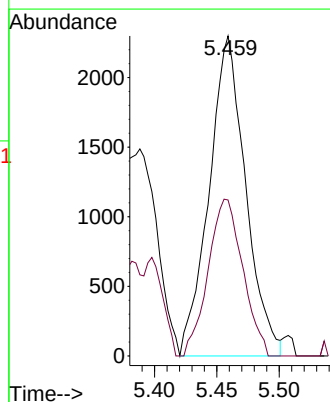
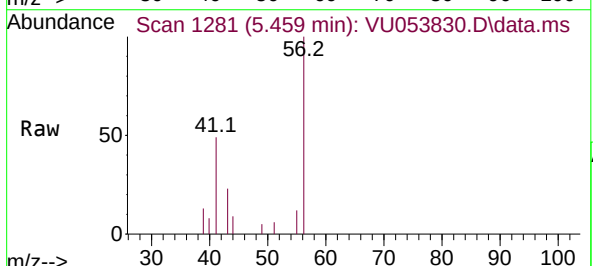
Delta R.T. 0.010 min

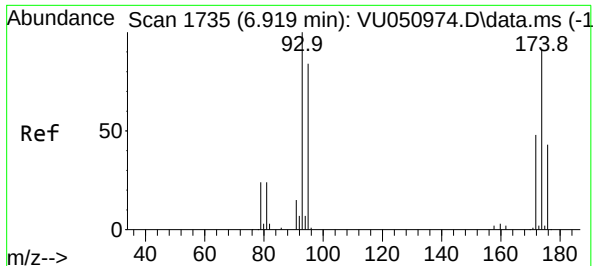
Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Tgt Ion: 56 Resp: 4688

Ion	Ratio	Lower	Upper
56	100		
41	46.5	25.2	75.6





#43

Dibromomethane

Concen: 0.301 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU053830.D

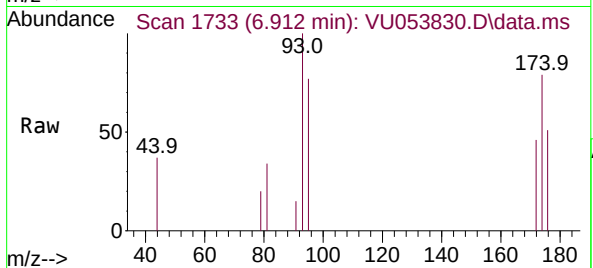
Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023



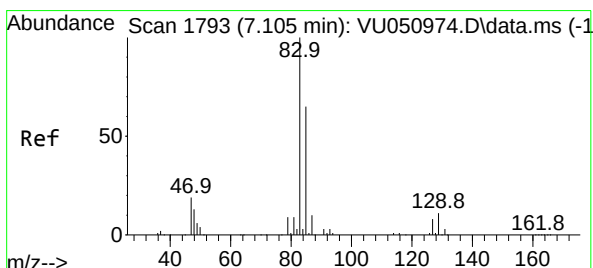
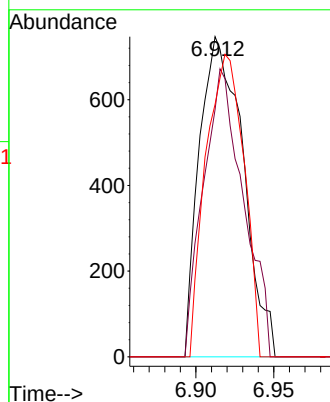
Tgt Ion:	93	Resp:	144
Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.0	100.6
174	82.9	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Bromodichloromethane

Concen: 0.331 ug/l

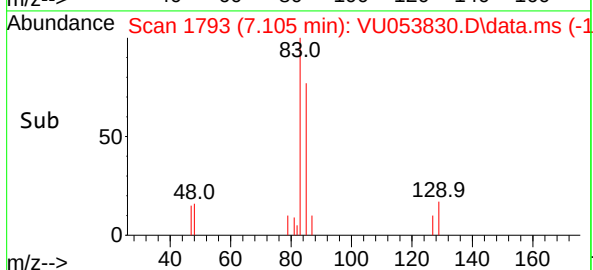
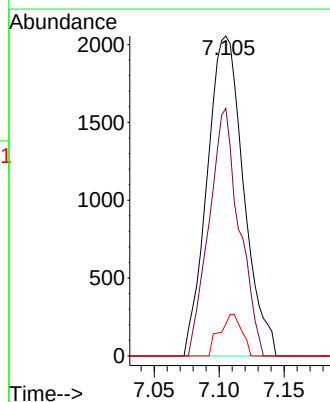
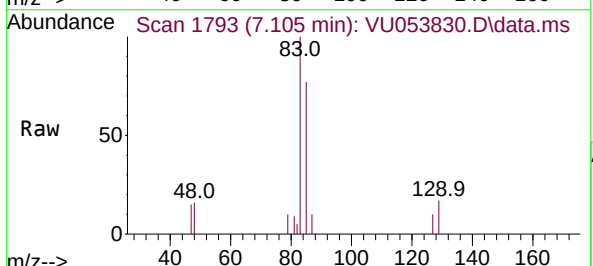
RT: 7.105 min Scan# 1793

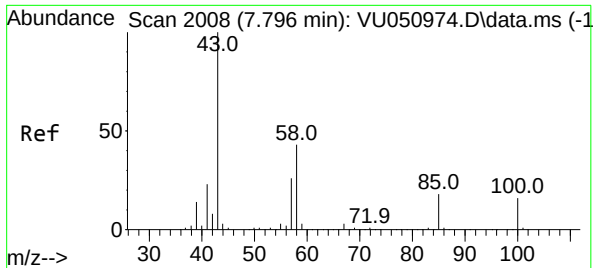
Delta R.T. 0.003 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Tgt Ion:	83	Resp:	4013
Ion	Ratio	Lower	Upper
83	100		
85	77.4	51.9	77.9
127	9.9	6.7	10.1





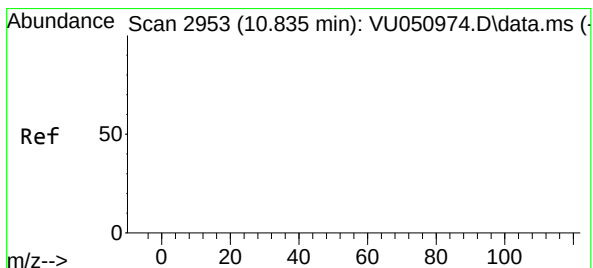
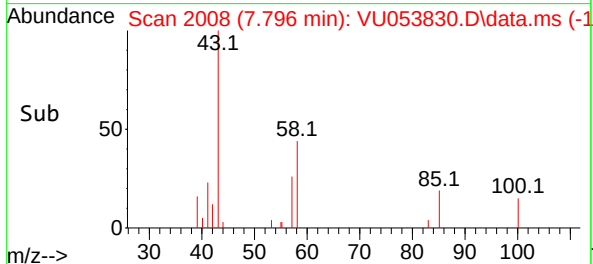
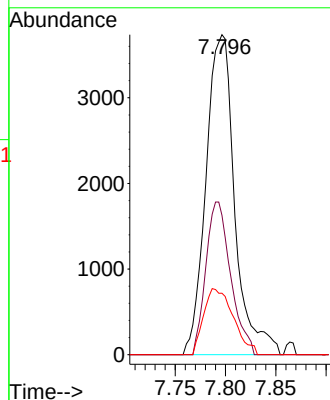
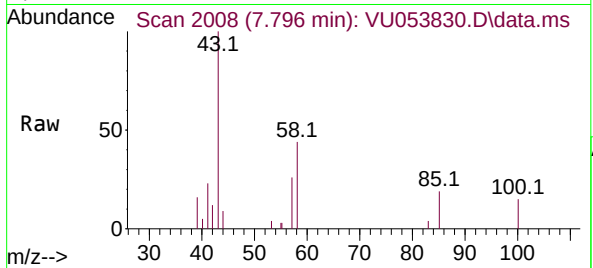
#45
4-Methyl-2-Pentanone
Concen: 1.524 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion: 43 Resp: 7449
Ion Ratio Lower Upper
43 100
58 41.1 20.9 62.8
85 21.2 14.6 21.8

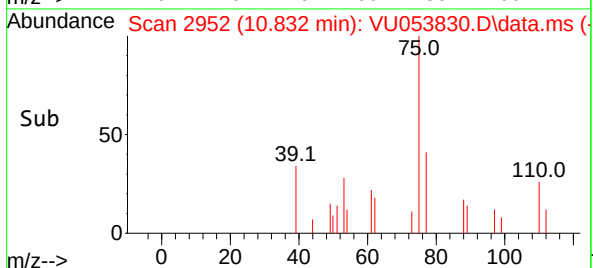
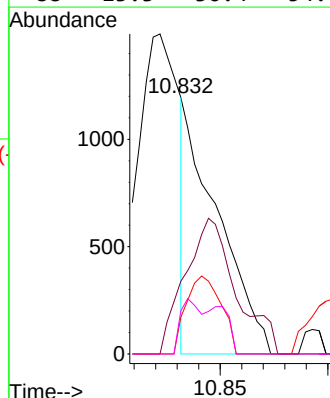
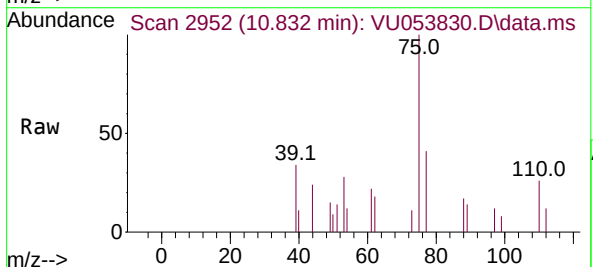
Manual Integrations
APPROVED

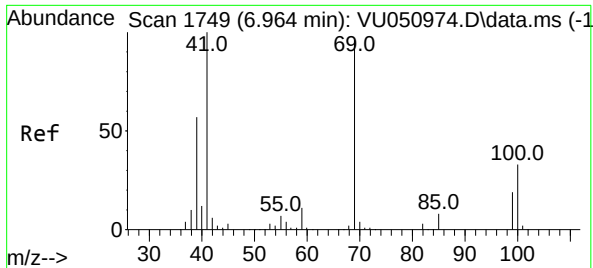
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 0.623 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

Tgt Ion: 75 Resp: 1264
Ion Ratio Lower Upper
75 100
53 82.0 73.3 109.9
89 32.4 48.2 72.4#
88 13.3 36.4 54.6#





#47

Methyl methacrylate

Concen: 0.529 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 69 Resp: 223

Ion Ratio Lower Upper

69 100

41 113.5 0.0 209.2

39 60.1 46.7 70.1

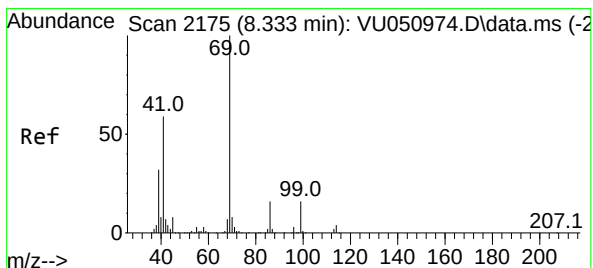
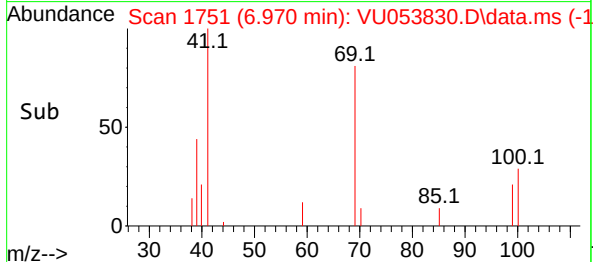
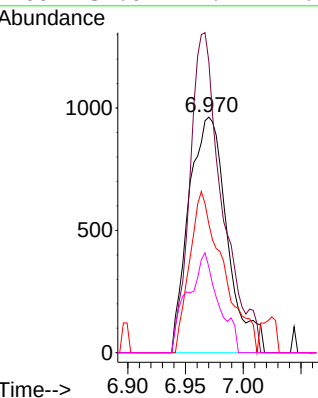
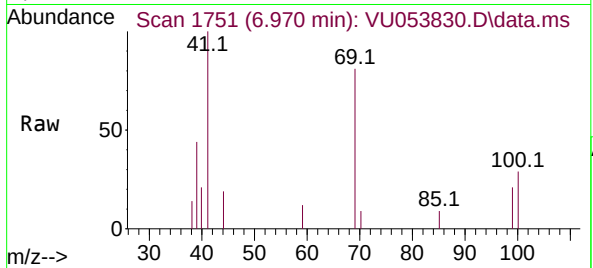
100 34.0 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#48

Ethyl methacrylate

Concen: 0.244 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.006 min

Lab File: VU053830.D

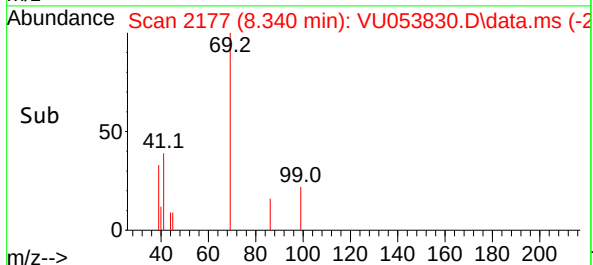
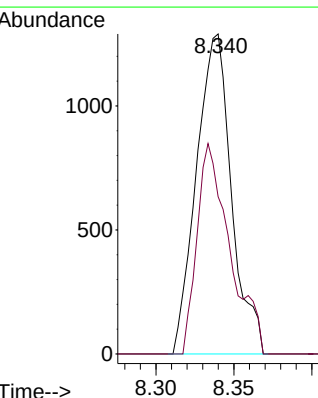
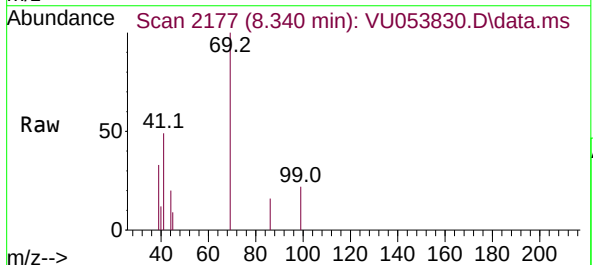
Acq: 21 Apr 2023 17:31

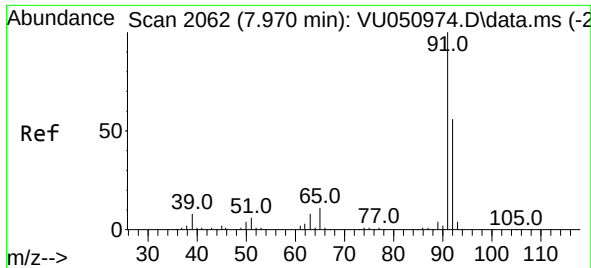
Tgt Ion: 69 Resp: 2017

Ion Ratio Lower Upper

69 100

41 61.4 30.3 90.8





#49

Toluene

Concen: 0.329 ug/l

RT: 7.964 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

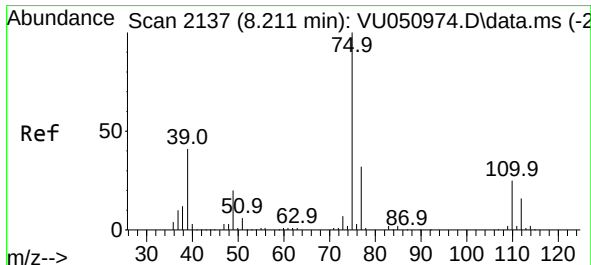
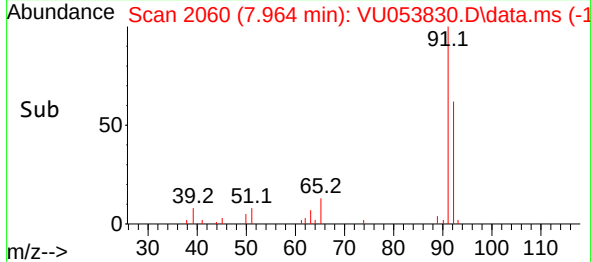
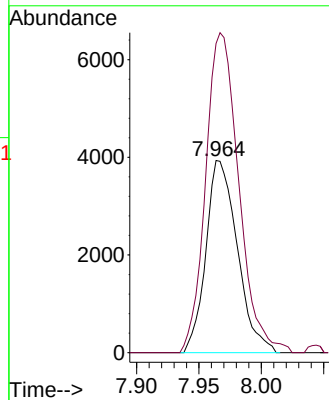
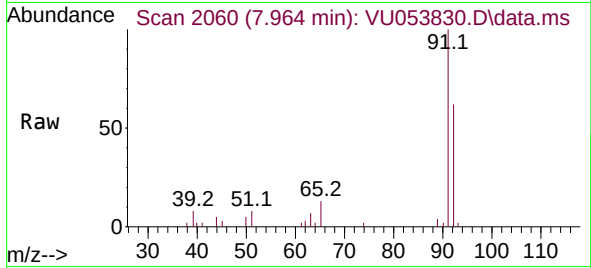
Tgt Ion: 92 Resp: 690
 Ion Ratio Lower Upper
 92 100
 91 175.7 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

t-1,3-Dichloropropene

Concen: 0.312 ug/l

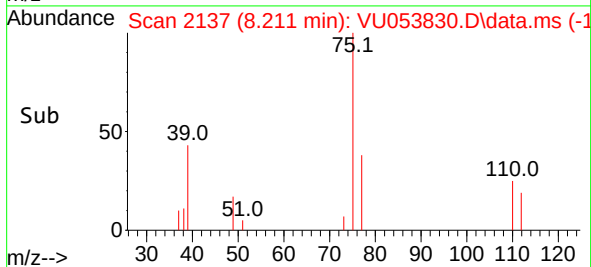
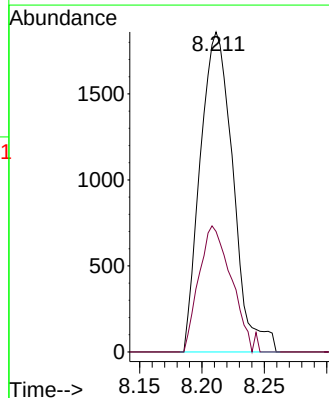
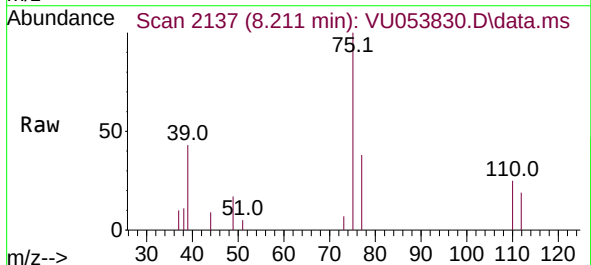
RT: 8.211 min Scan# 2137

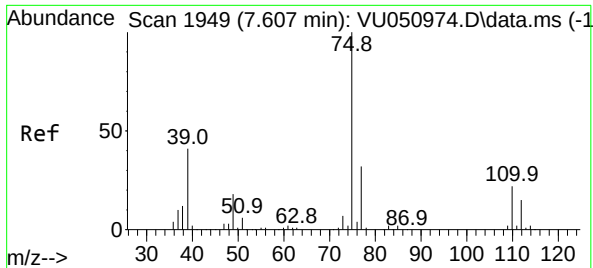
Delta R.T. 0.003 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

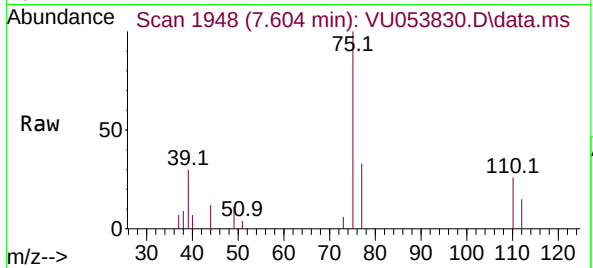
Tgt Ion: 75 Resp: 3401
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.329 ug/l
 RT: 7.604 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU053830.D
 Acq: 21 Apr 2023 17:31

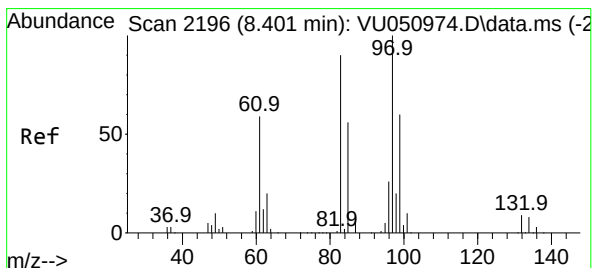
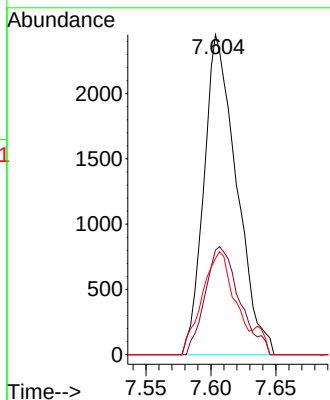
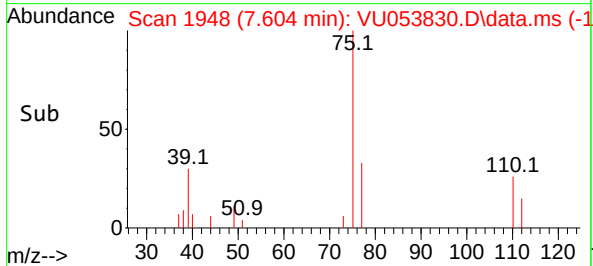
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2023



Tgt Ion: 75 Resp: 4279
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5
 39 30.1 32.8 49.2

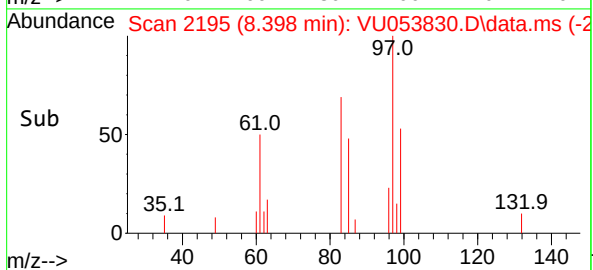
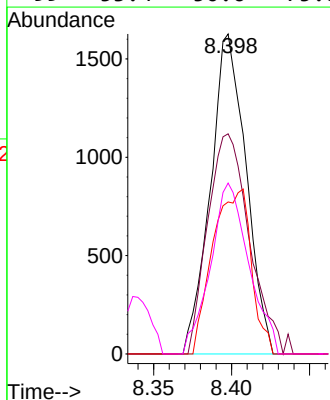
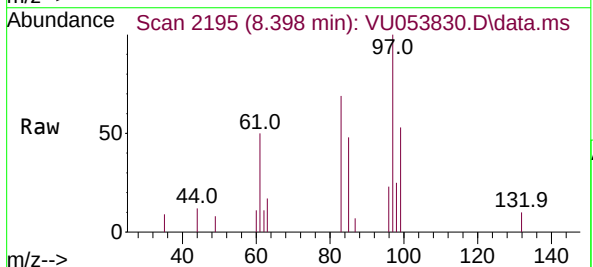
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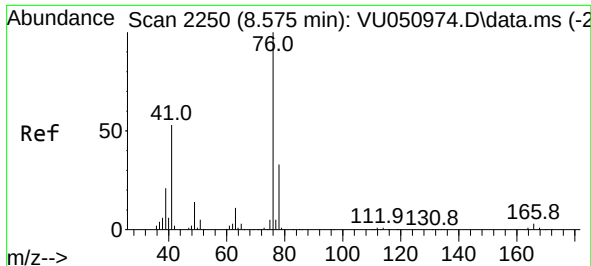
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.338 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU053830.D
 Acq: 21 Apr 2023 17:31

Tgt Ion: 97 Resp: 2580
 Ion Ratio Lower Upper
 97 100
 83 68.8 71.8 107.8#
 85 47.5 45.2 67.8
 99 53.4 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.324 ug/l

RT: 8.575 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 76 Resp: 386

Ion Ratio Lower Upper

76 100

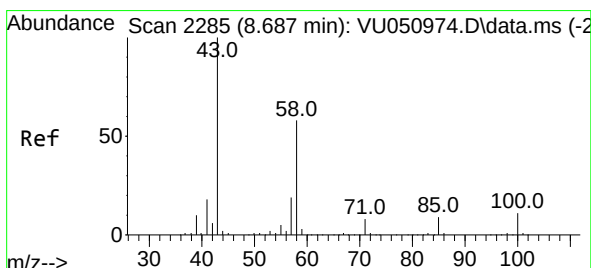
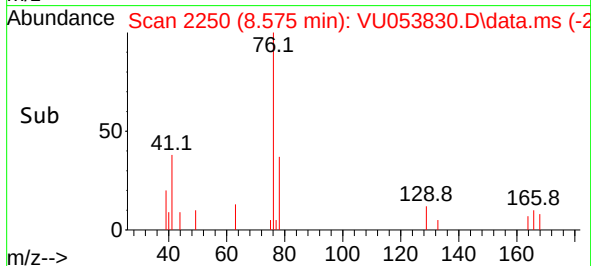
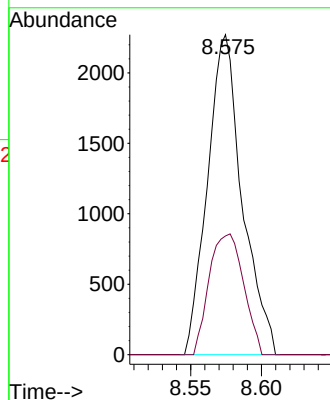
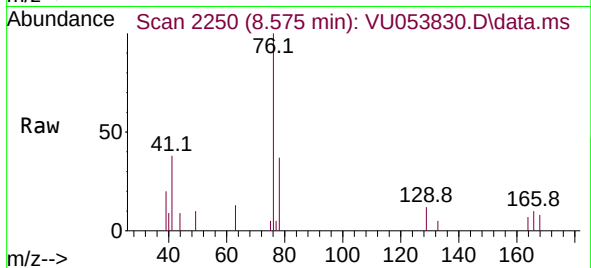
78 37.4 25.9 38.9

Manual Integrations

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Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#54

2-Hexanone

Concen: 1.162 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

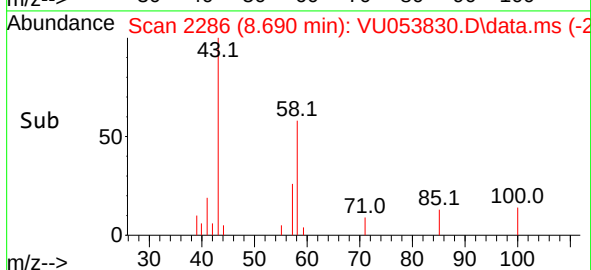
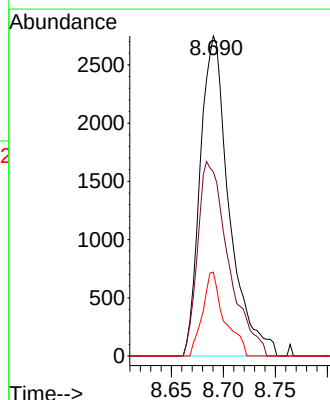
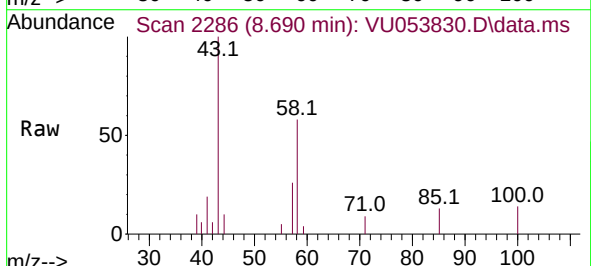
Tgt Ion: 43 Resp: 5326

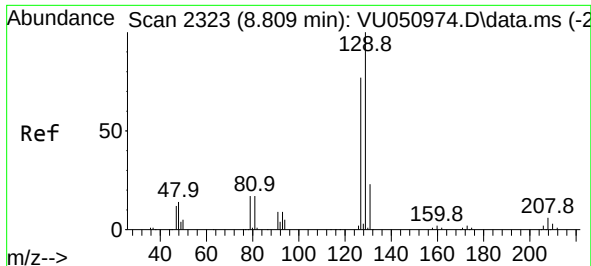
Ion Ratio Lower Upper

43 100

58 64.5 38.2 78.2

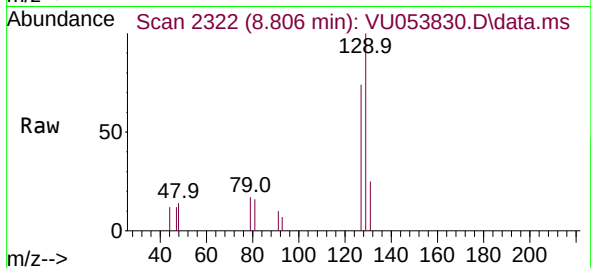
57 19.8 0.0 39.1





#55
Dibromochloromethane
Concen: 0.306 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

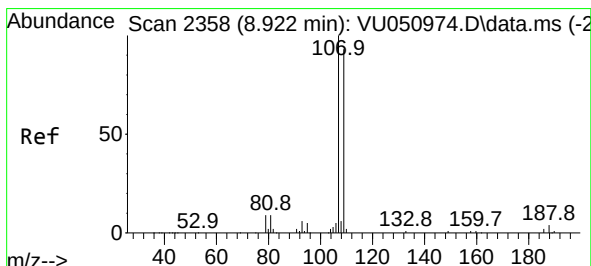
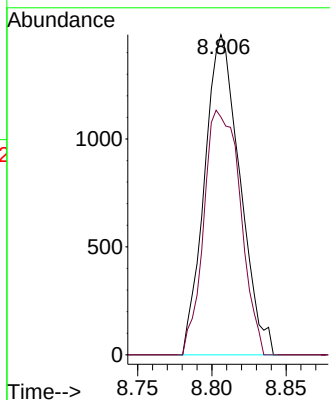
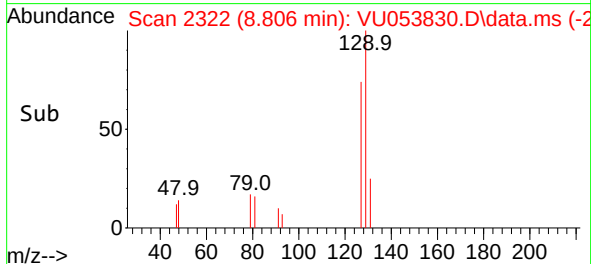
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



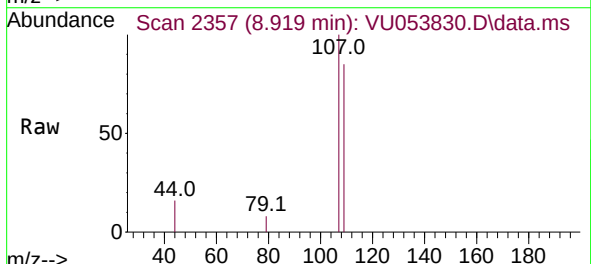
Tgt Ion:129 Resp: 245
Ion Ratio Lower Upper
129 100
127 79.0 61.4 92.0

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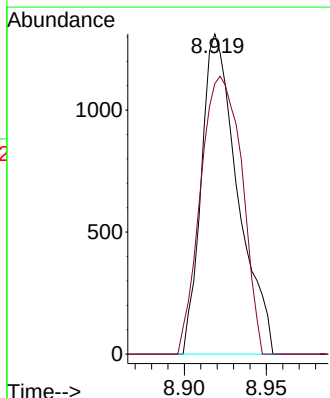
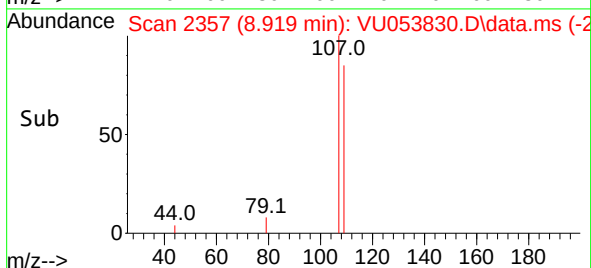
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

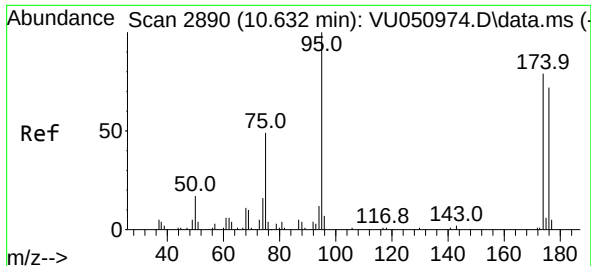


#56
1,2-Dibromoethane
Concen: 0.307 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



Tgt Ion:107 Resp: 2022
Ion Ratio Lower Upper
107 100
109 98.2 0.0 184.4





#57

4-Bromofluorobenzene

Concen: 0.985 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU053830.D

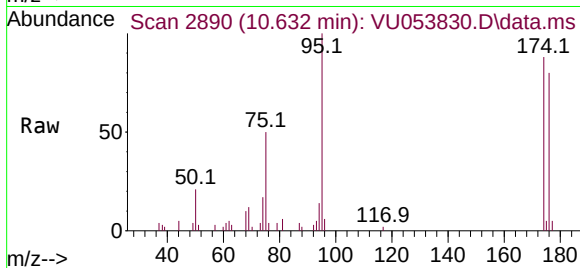
Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023



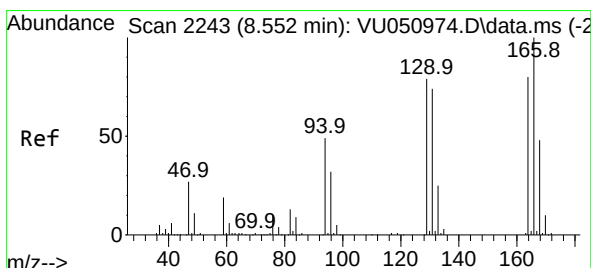
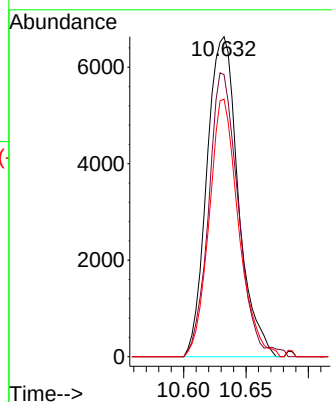
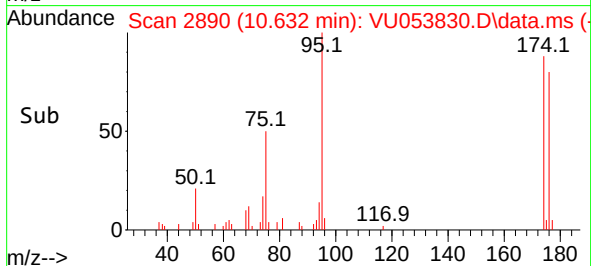
Tgt Ion:	95	Resp:	11629
Ion Ratio	100	Lower	Upper
95	100		
174	83.5	63.3	94.9
176	75.4	59.3	88.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

Tetrachloroethene

Concen: 0.331 ug/l

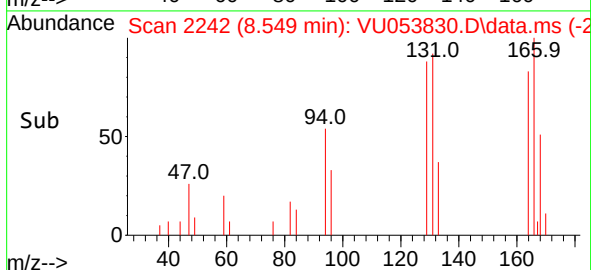
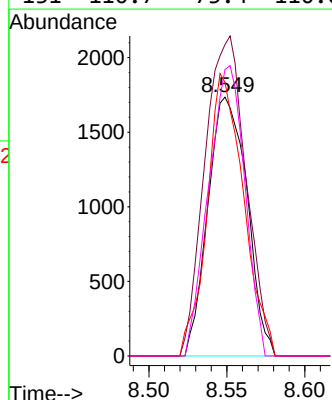
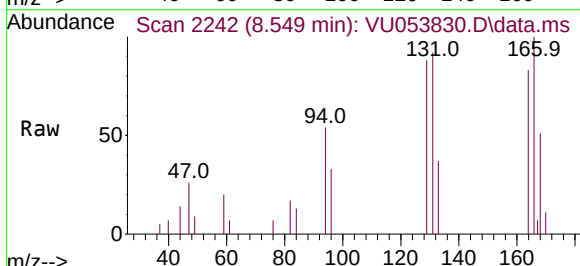
RT: 8.549 min Scan# 2242

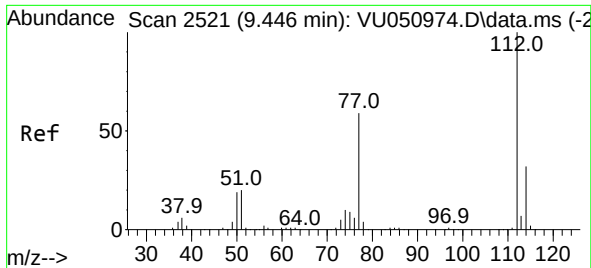
Delta R.T. -0.000 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

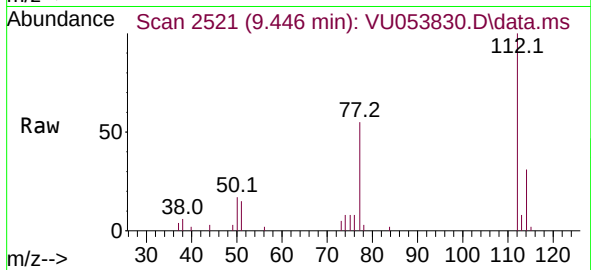
Tgt Ion:	164	Resp:	3023
Ion Ratio	100	Lower	Upper
164	100		
166	120.3	99.6	149.4
129	105.8	78.6	117.8
131	110.7	73.4	110.0





#59
Chlorobenzene
Concen: 0.337 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

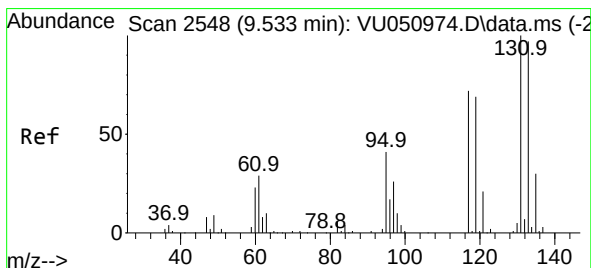
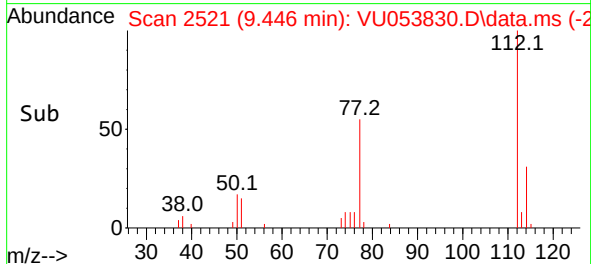
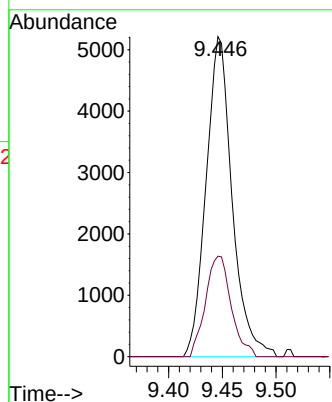
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:112 Resp: 879
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

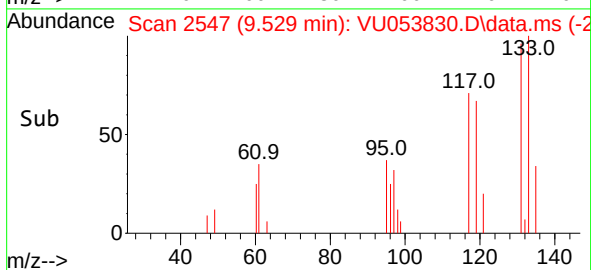
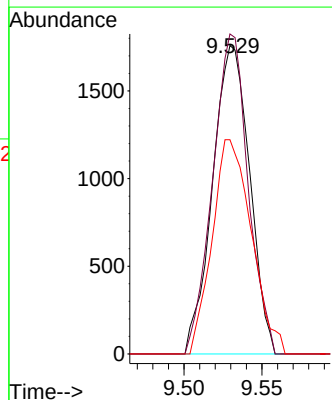
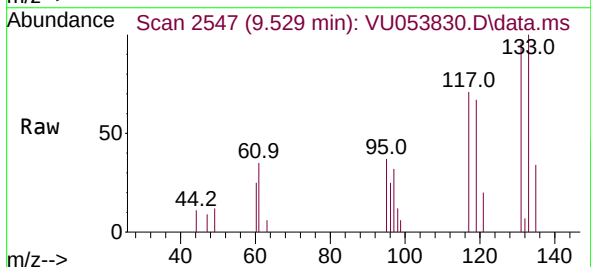
Manual Integrations
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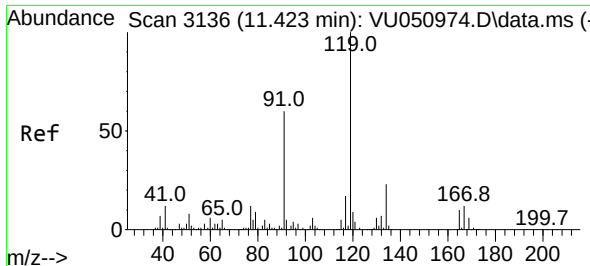
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.310 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

Tgt Ion:131 Resp: 2913
Ion Ratio Lower Upper
131 100
133 99.1 77.8 116.6
119 73.5 55.2 82.8





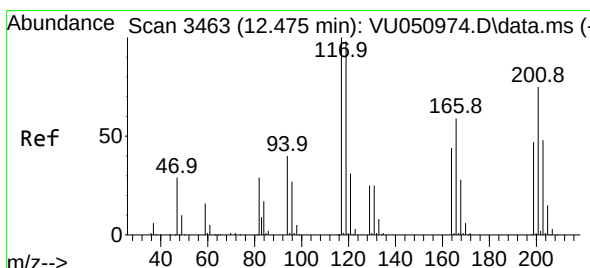
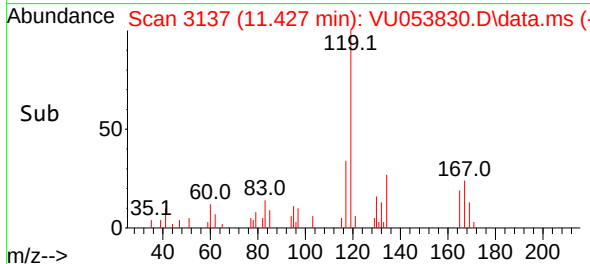
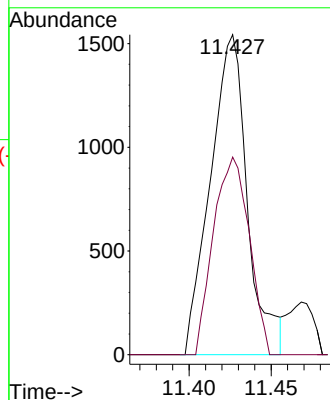
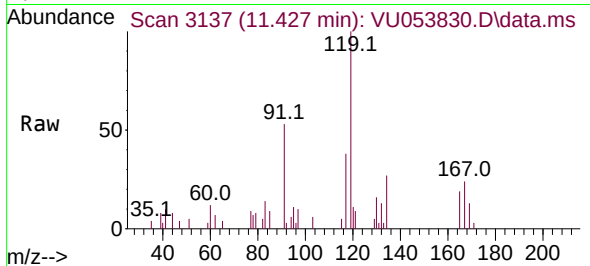
#61
Pentachloroethane
Concen: 0.333 ug/l
RT: 11.427 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion:117 Resp: 2418
Ion Ratio Lower Upper
117 100
167 59.6 56.7 85.1

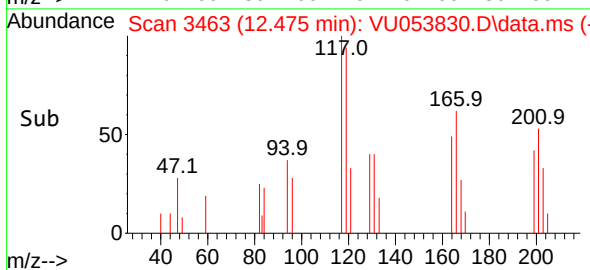
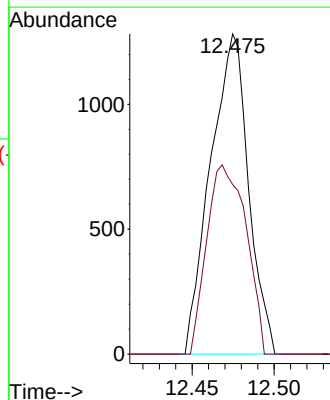
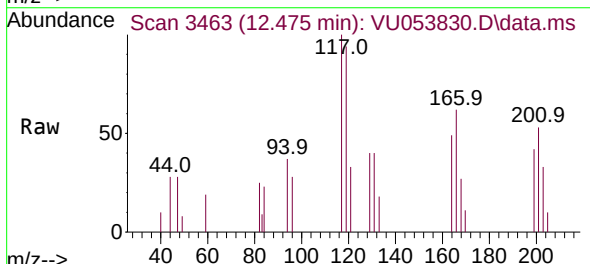
Manual Integrations
APPROVED

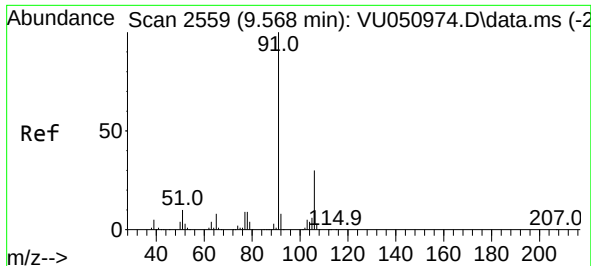
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 0.291 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

Tgt Ion:117 Resp: 2059
Ion Ratio Lower Upper
117 100
201 61.4 59.6 89.4





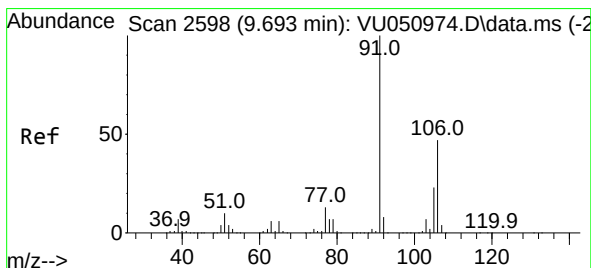
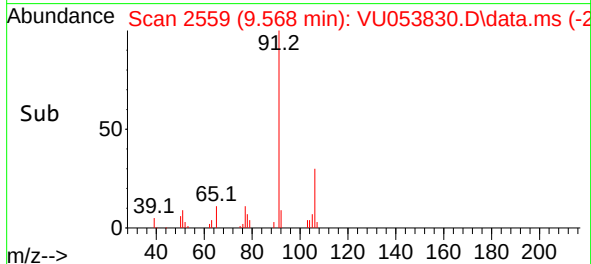
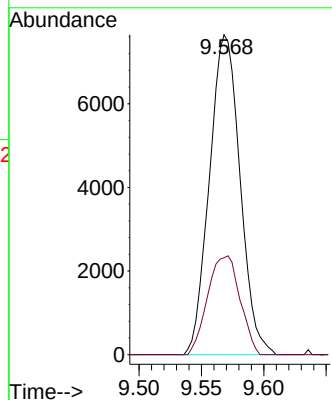
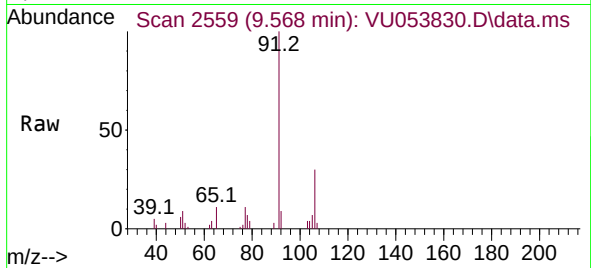
#63
Ethyl Benzene
Concen: 0.317 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion: 91 Resp: 13074
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

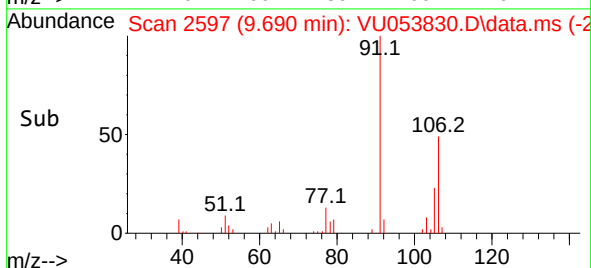
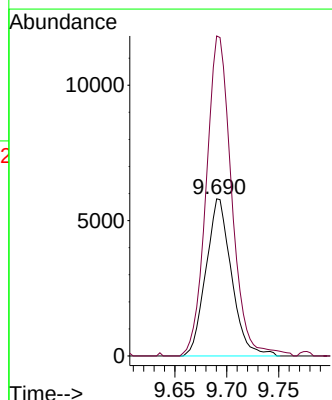
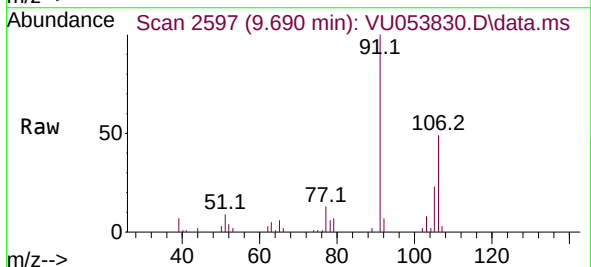
Manual Integrations
APPROVED

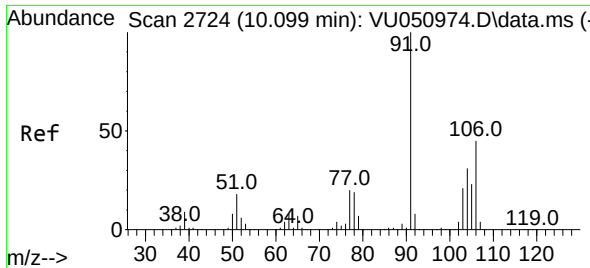
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#64
m/p-Xylenes
Concen: 0.613 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

Tgt Ion:106 Resp: 9952
Ion Ratio Lower Upper
106 100
91 202.2 167.3 250.9





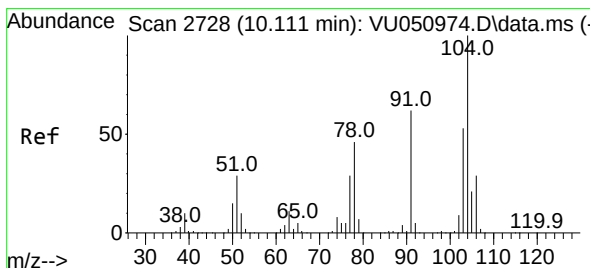
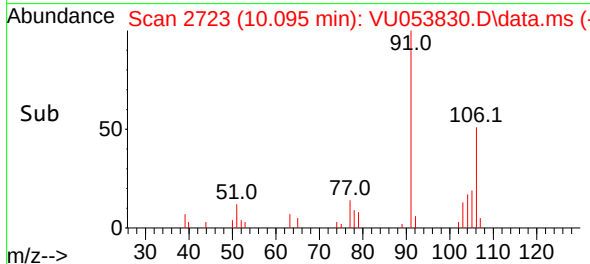
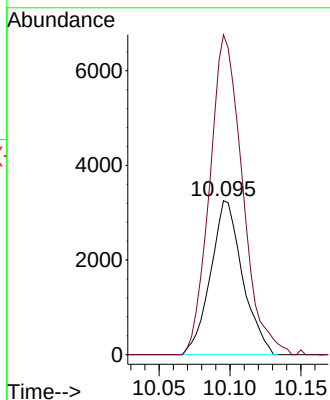
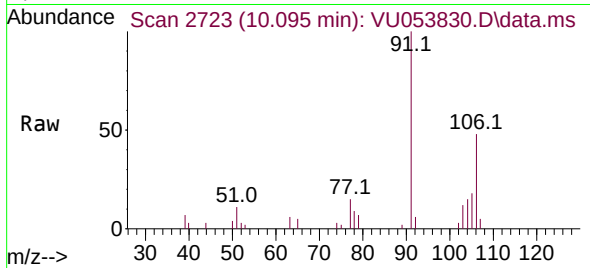
#65
o-Xylene
Concen: 0.312 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion:106 Resp: 510
Ion Ratio Lower Upper
106 100
91 212.8 109.3 327.9

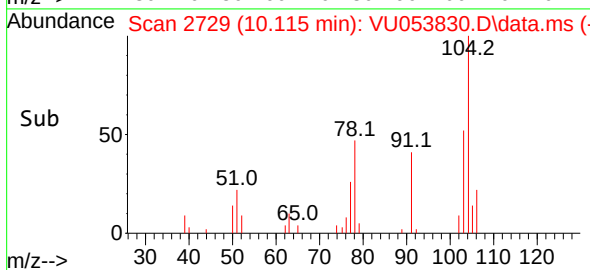
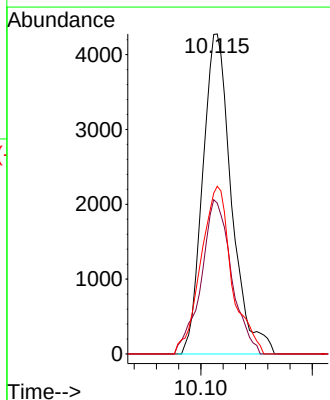
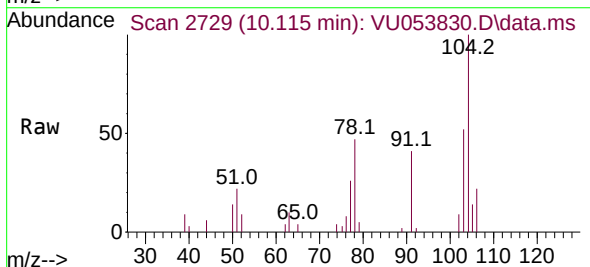
Manual Integrations
APPROVED

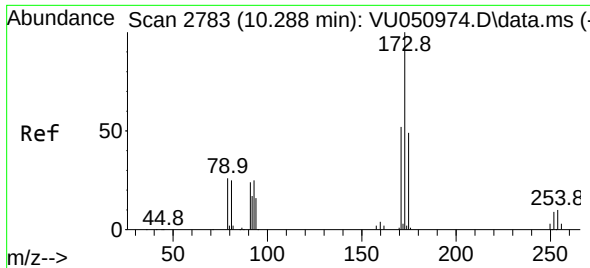
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 0.294 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

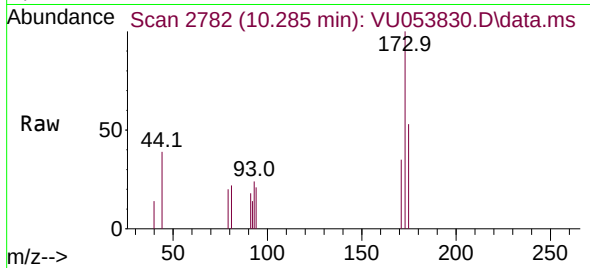
Tgt Ion:104 Resp: 7657
Ion Ratio Lower Upper
104 100
78 50.7 39.7 59.5
103 56.4 44.8 67.2





#67
Bromoform
Concen: 0.310 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

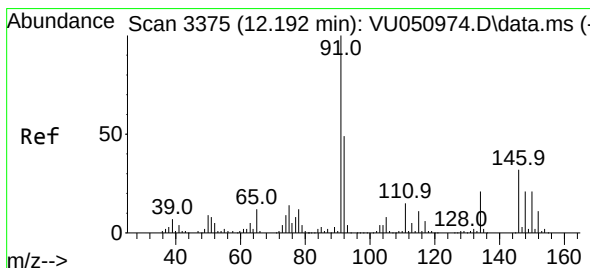
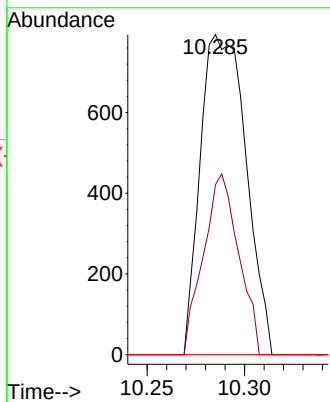
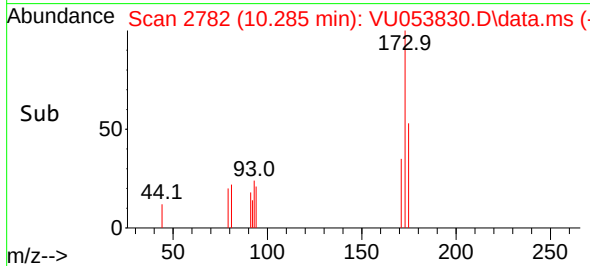
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



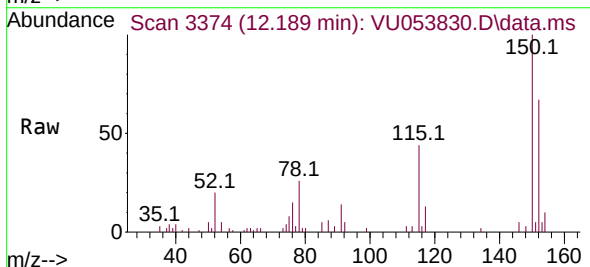
Tgt Ion:173 Resp: 129
Ion Ratio Lower Upper
173 100
175 43.6 39.0 58.6
254 0.0 7.4 11.0

Manual Integrations
APPROVED

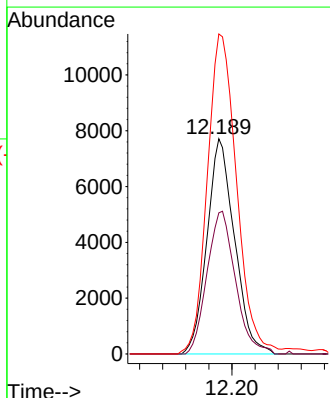
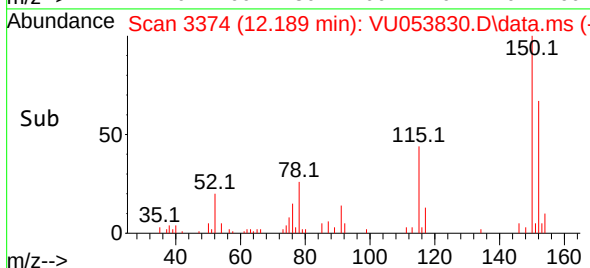
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

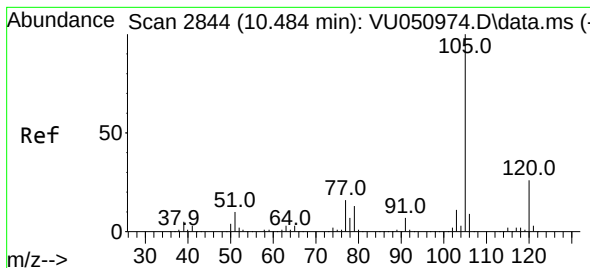


#68
1,2-Dichlorobenzene-d4
Concen: 0.909 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



Tgt Ion:152 Resp: 12759
Ion Ratio Lower Upper
152 100
115 68.2 0.0 308.8
150 158.3 0.0 635.0





#69

Isopropylbenzene

Concen: 0.300 ug/l

RT: 10.481 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

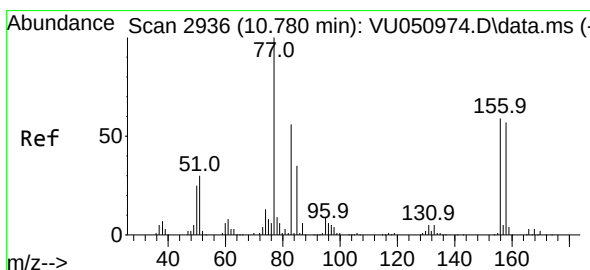
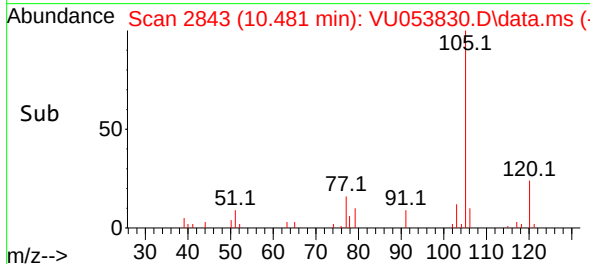
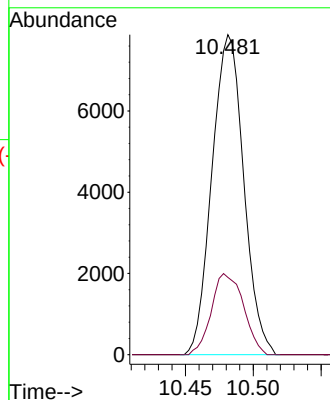
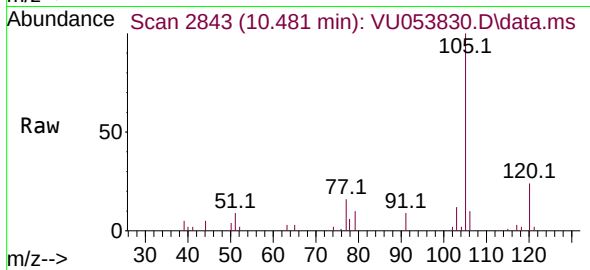
Tgt Ion:105 Resp: 1282
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 0.301 ug/l

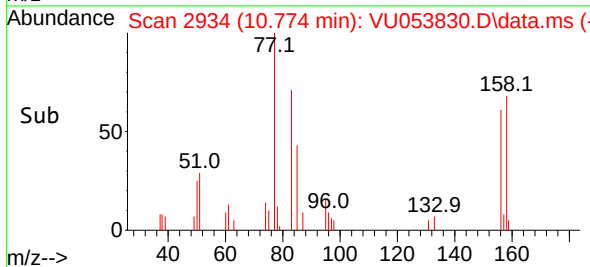
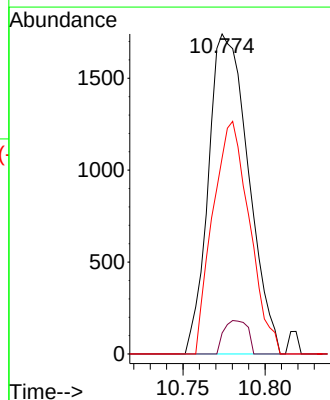
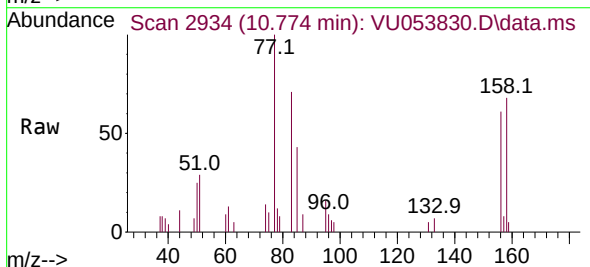
RT: 10.774 min Scan# 2934

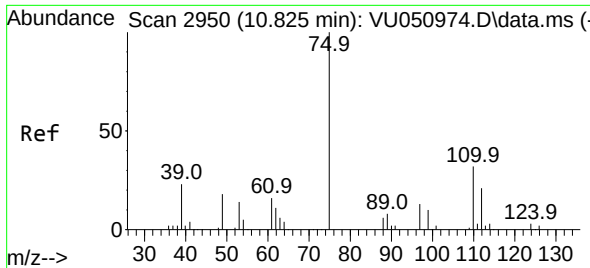
Delta R.T. -0.003 min

Lab File: VU053830.D

Acq: 21 Apr 2023 17:31

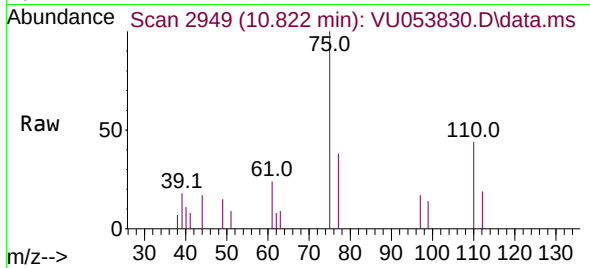
Tgt Ion: 83 Resp: 2957
 Ion Ratio Lower Upper
 83 100
 131 6.2 7.2 10.8#
 85 66.4 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.226 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

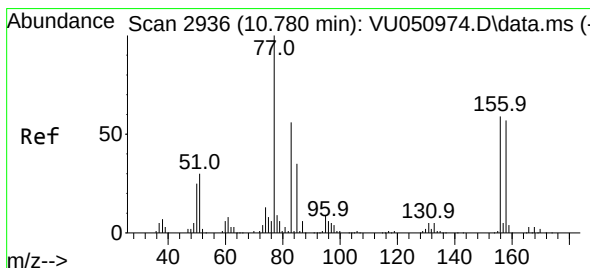
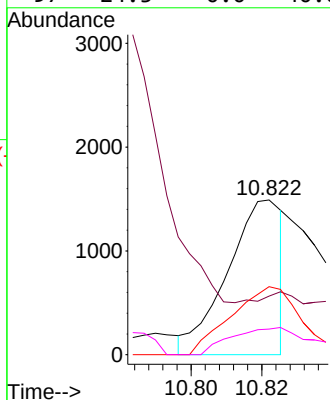
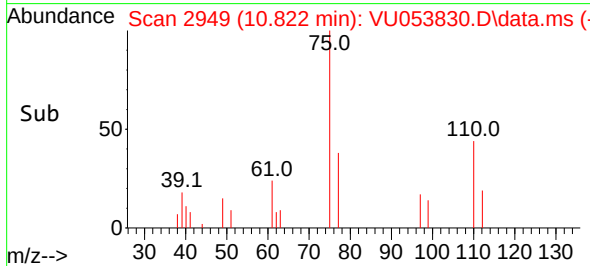
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



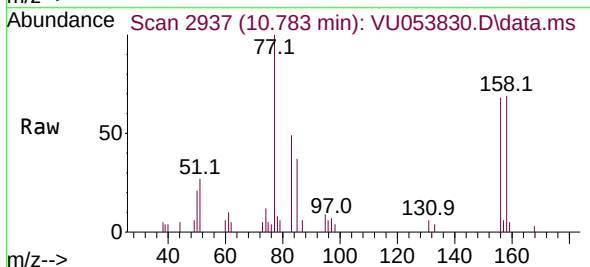
Tgt Ion: 75 Resp: 1599
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 55.0 0.0 74.6
97 24.3 0.0 40.0

Manual Integrations
APPROVED

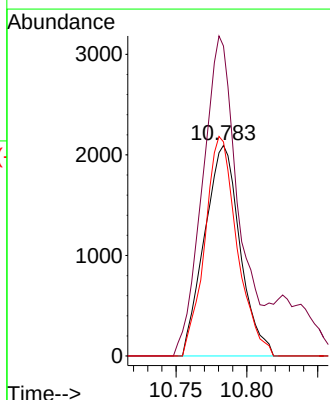
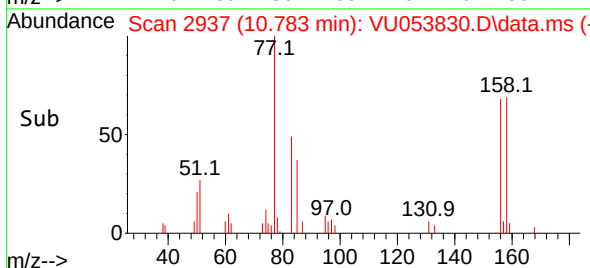
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

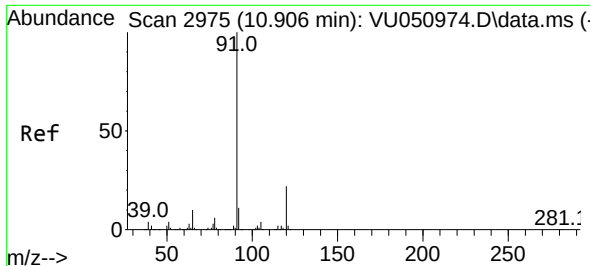


#72
Bromobenzene
Concen: 0.332 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



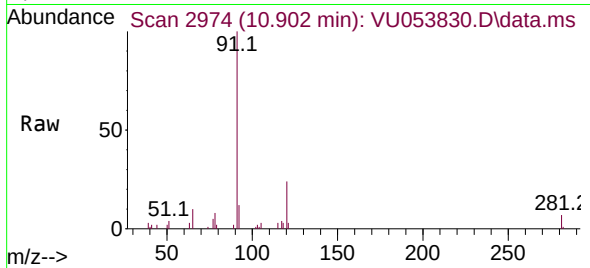
Tgt Ion:156 Resp: 3649
Ion Ratio Lower Upper
156 100
77 152.5 0.0 343.0
158 94.9 0.0 194.8





#73
n-propylbenzene
Concen: 0.308 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

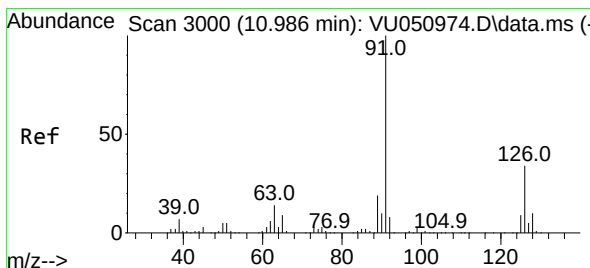
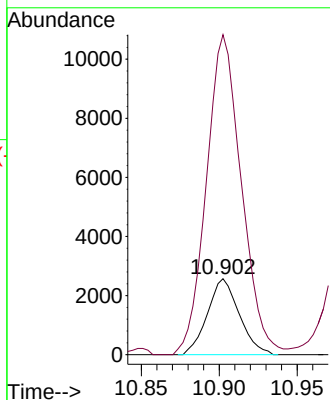
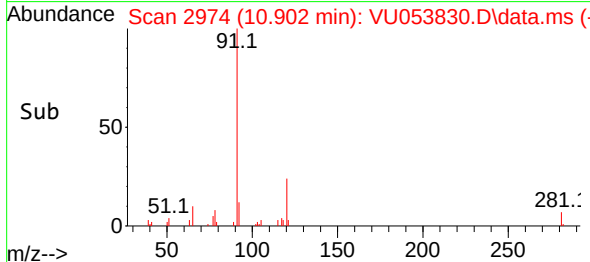
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2023



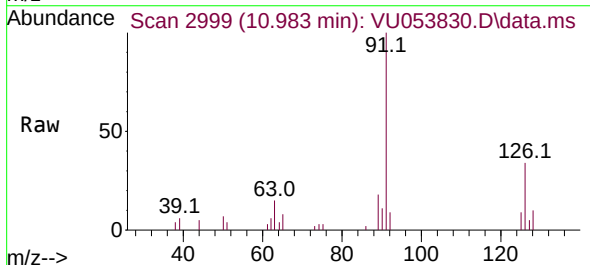
Tgt Ion:120 Resp: 365
Ion Ratio Lower Upper
120 100
91 464.6 369.8 554.6

Manual Integrations
APPROVED

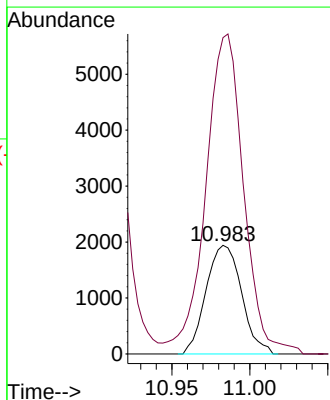
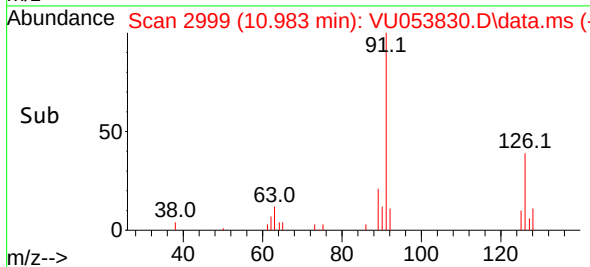
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

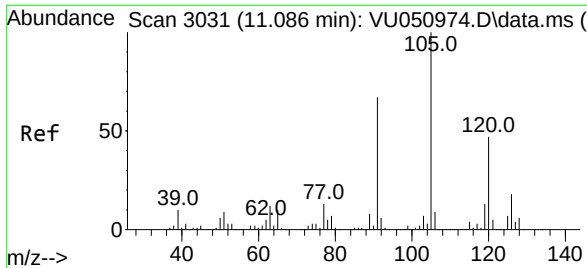


#74
2-Chlorotoluene
Concen: 0.274 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



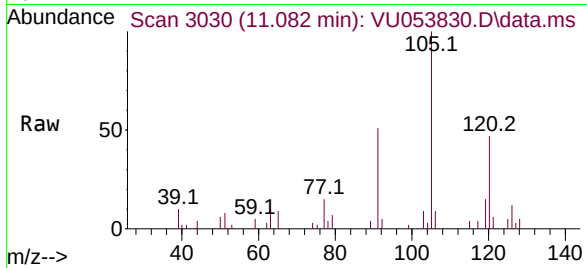
Tgt Ion:126 Resp: 3075
Ion Ratio Lower Upper
126 100
91 314.5 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.276 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

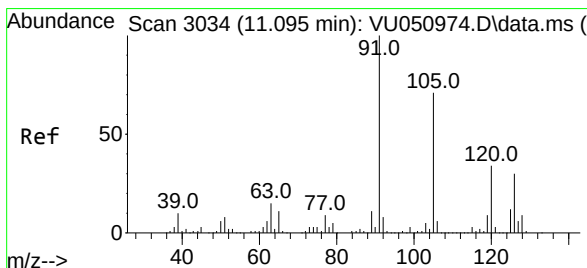
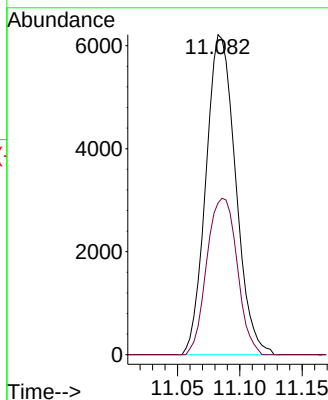
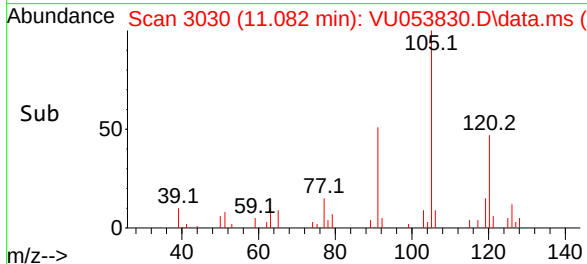
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



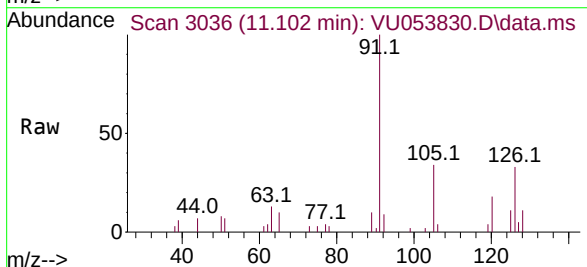
Tgt Ion:105 Resp: 10300
Ion Ratio Lower Upper
105 100
120 49.9 37.8 56.8

Manual Integrations
APPROVED

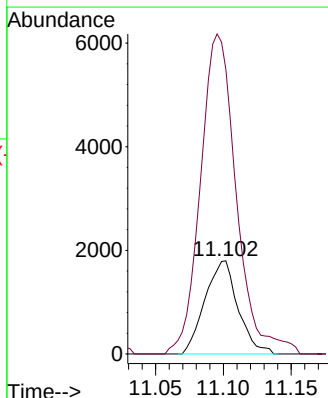
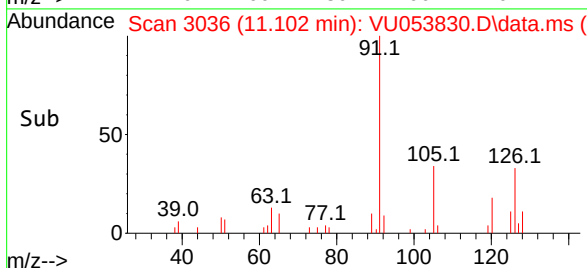
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

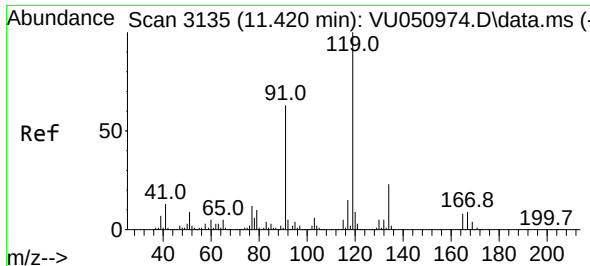


#76
4-Chlorotoluene
Concen: 0.266 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.010 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



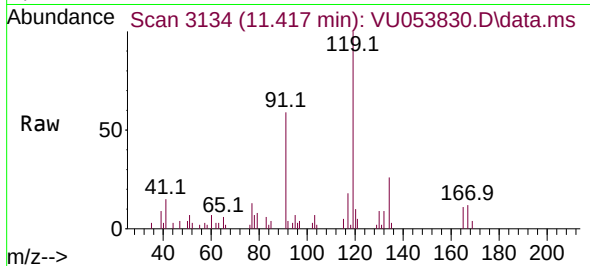
Tgt Ion:126 Resp: 3042
Ion Ratio Lower Upper
126 100
91 372.9 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.282 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

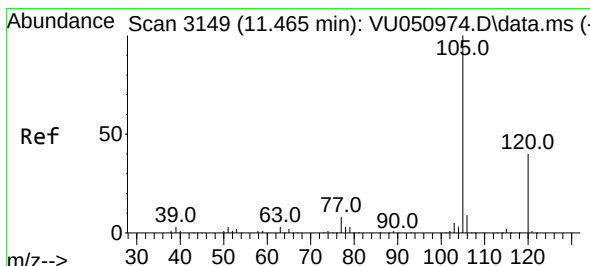
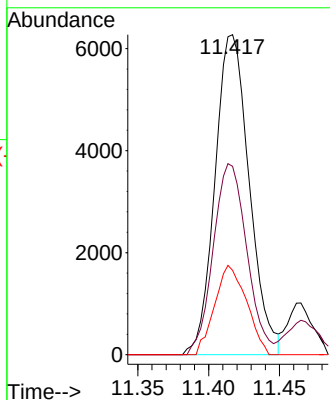
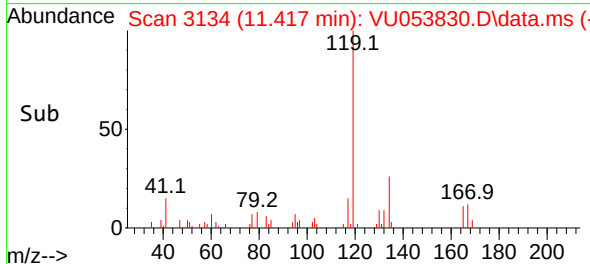
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



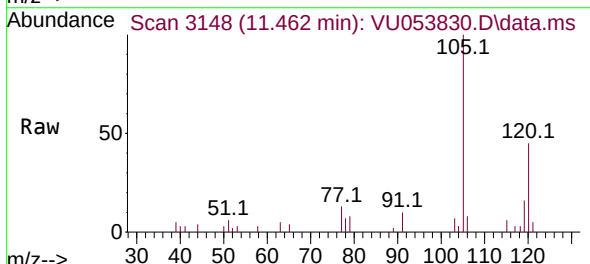
Tgt Ion:119 Resp: 1057
Ion Ratio Lower Upper
119 100
91 58.5 30.8 92.4
134 25.8 18.0 27.0

Manual Integrations
APPROVED

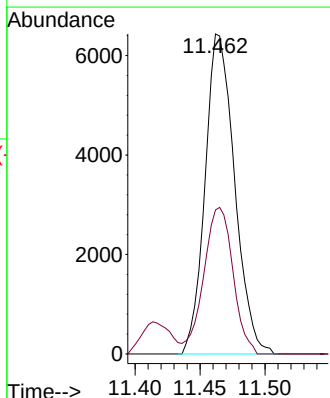
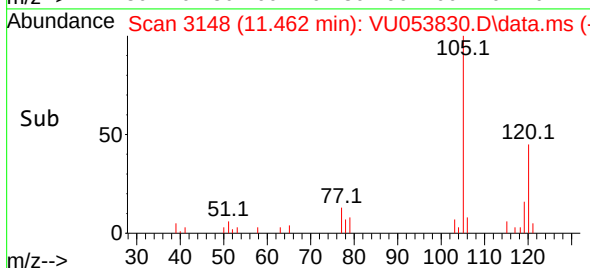
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

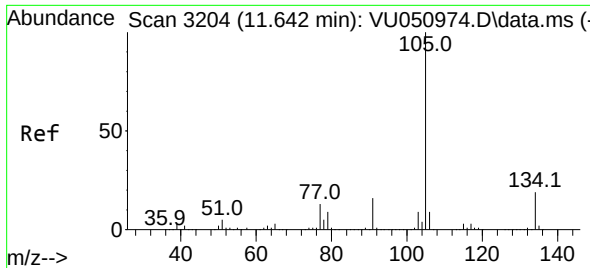


#78
1,2,4-Trimethylbenzene
Concen: 0.267 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



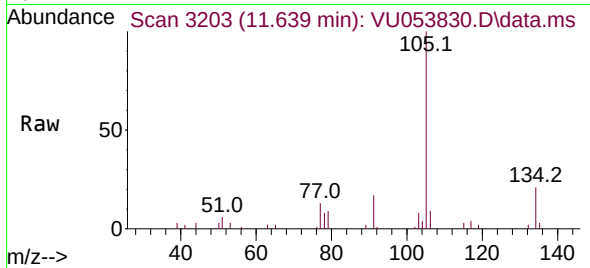
Tgt Ion:105 Resp: 10171
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.273 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053830.D
 Acq: 21 Apr 2023 17:31

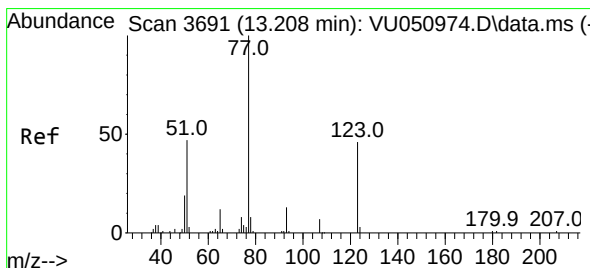
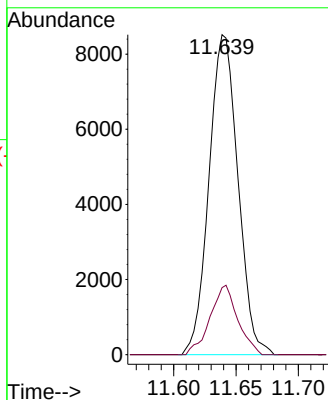
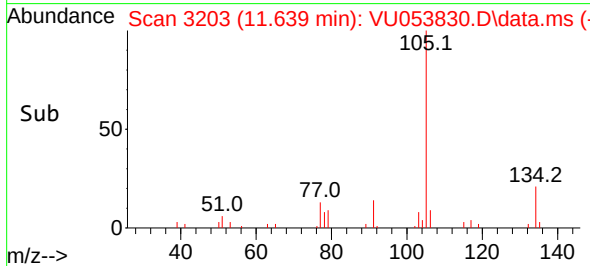
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2023



Tgt Ion:105 Resp: 13770
 Ion Ratio Lower Upper
 105 100
 134 20.7 14.9 22.3

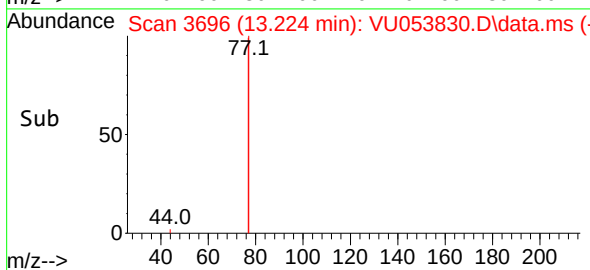
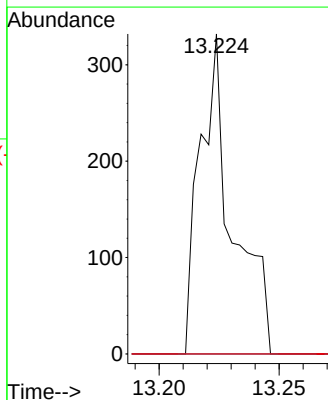
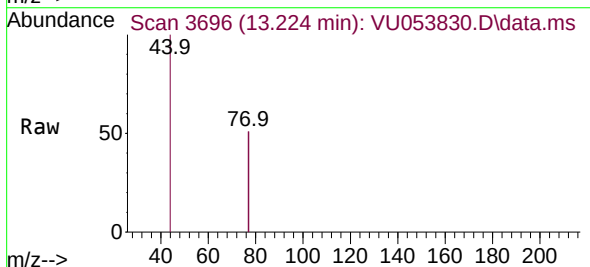
Manual Integrations
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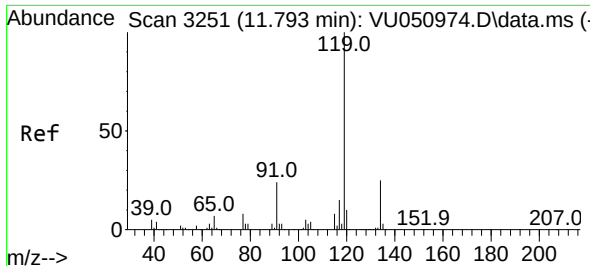
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#80
 Nitrobenzene
 Concen: 1.006 ug/l
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.022 min
 Lab File: VU053830.D
 Acq: 21 Apr 2023 17:31

Tgt Ion: 77 Resp: 313
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





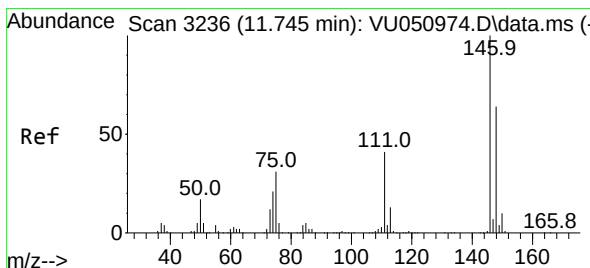
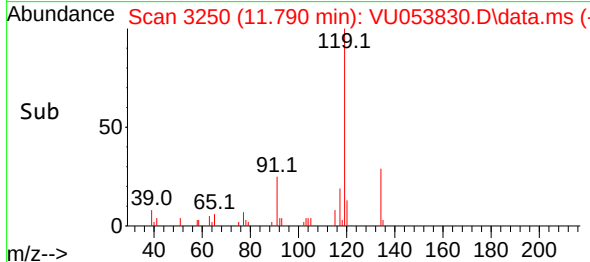
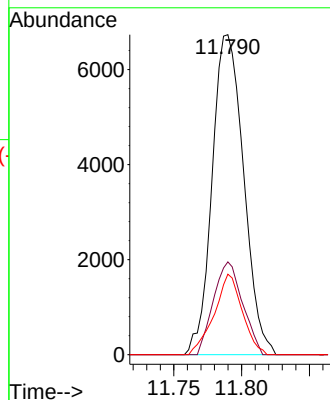
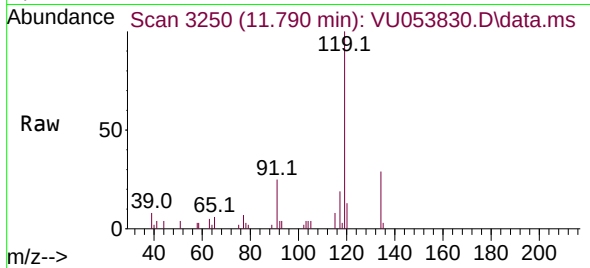
#81
p-Isopropyltoluene
Concen: 0.263 ug/l
RT: 11.790 min Scan# 3119
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

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

Tgt Ion:119 Resp: 1087
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 22.5 19.3 28.9

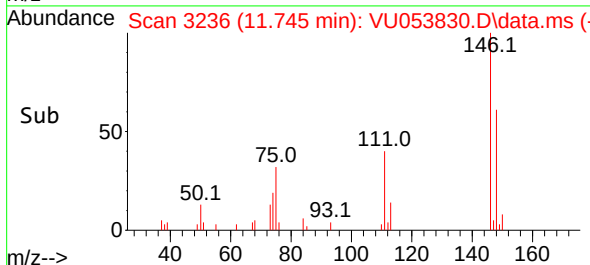
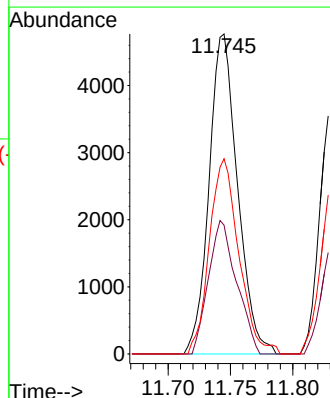
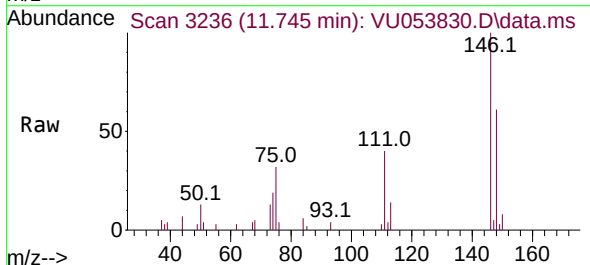
Manual Integrations
APPROVED

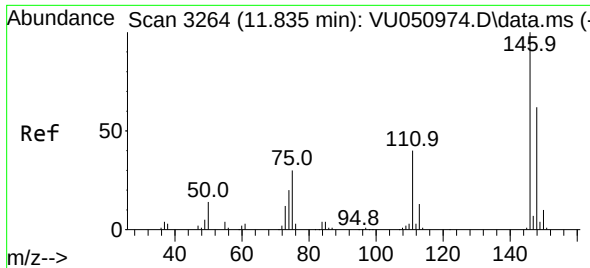
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
1,3-Dichlorobenzene
Concen: 0.324 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

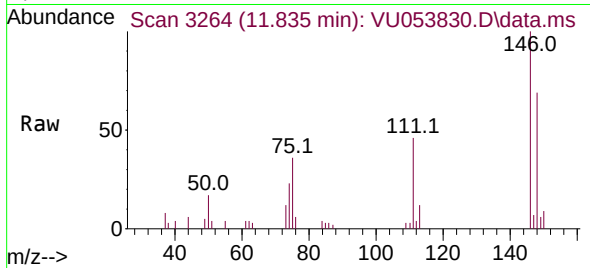
Tgt Ion:146 Resp: 7591
Ion Ratio Lower Upper
146 100
111 41.2 32.6 49.0
148 63.0 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.325 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

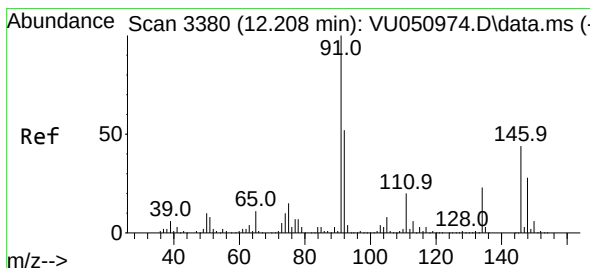
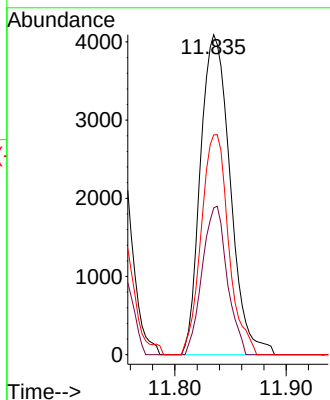
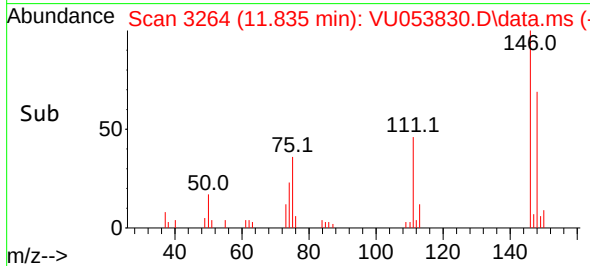
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



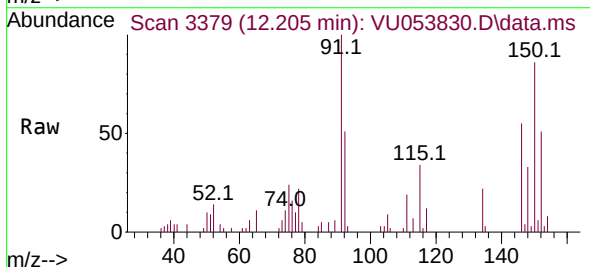
Tgt Ion:146 Resp: 759
Ion Ratio Lower Upper
146 100
111 38.9 31.6 47.4
148 63.3 50.3 75.5

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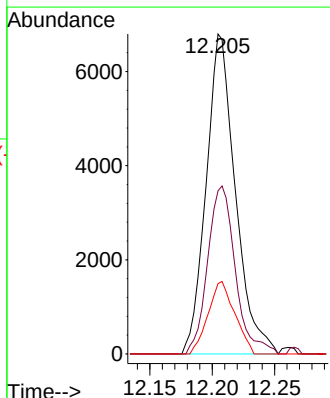
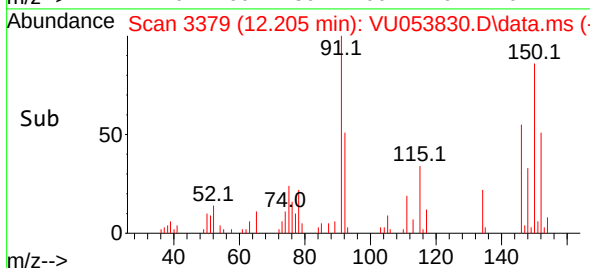
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

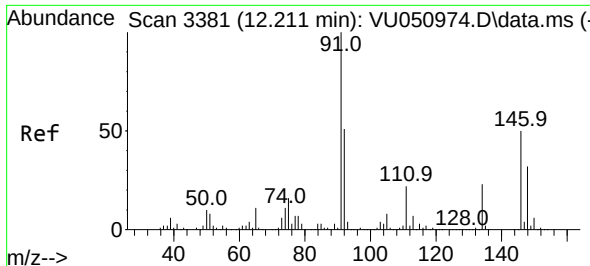


#84
n-Butylbenzene
Concen: 0.523 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



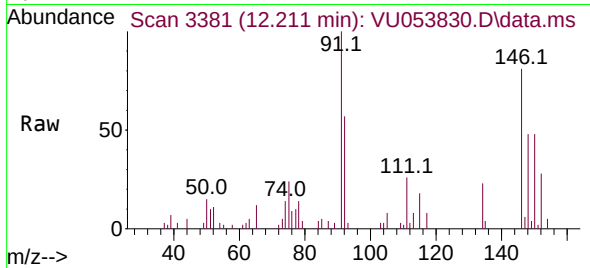
Tgt Ion: 91 Resp: 11080
Ion Ratio Lower Upper
91 100
92 49.8 40.8 61.2
134 20.7 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.308 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

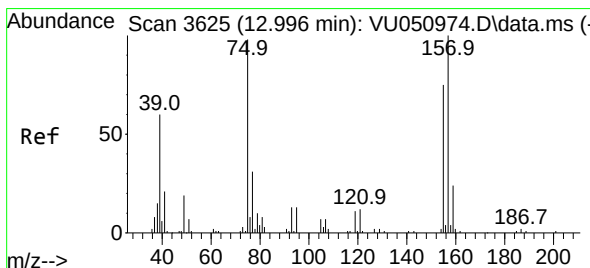
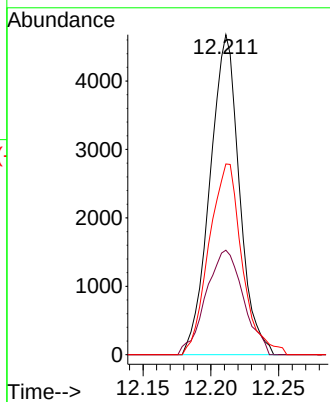
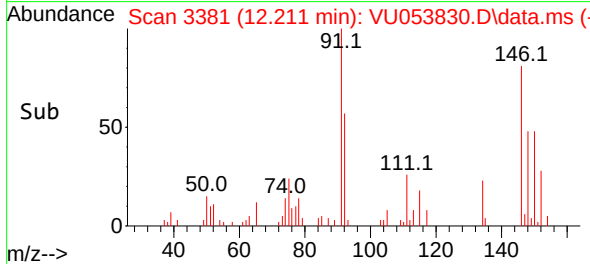
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:146 Resp: 706
Ion Ratio Lower Upper
146 100
111 41.4 21.6 64.6
148 67.0 32.1 96.5

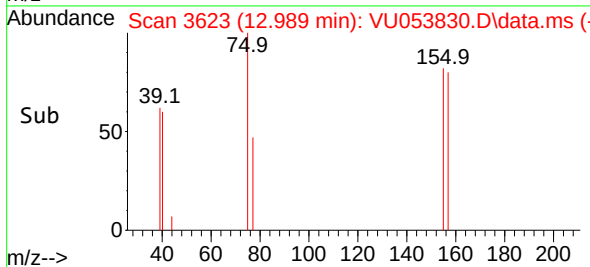
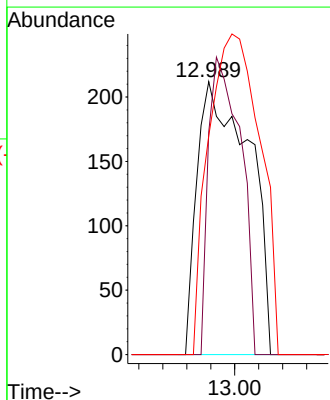
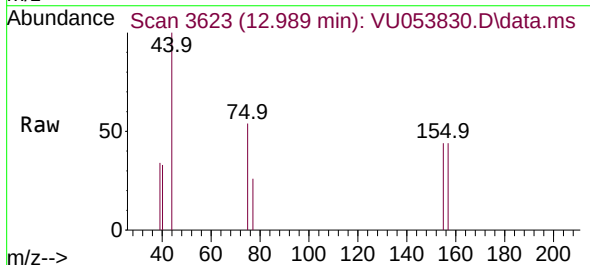
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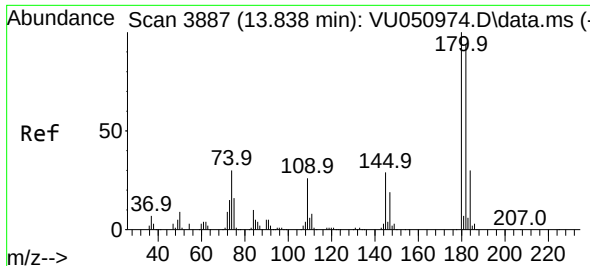
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.230 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

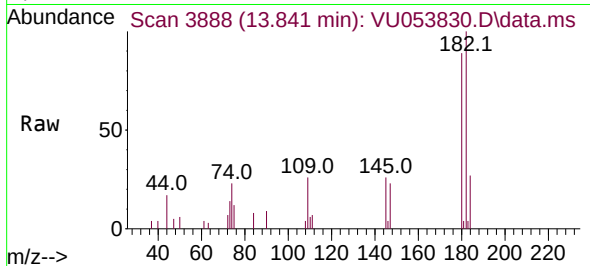
Tgt Ion: 75 Resp: 318
Ion Ratio Lower Upper
75 100
155 67.6 61.8 92.8
157 116.7 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.321 ug/l
RT: 13.841 min Scan# 3887
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

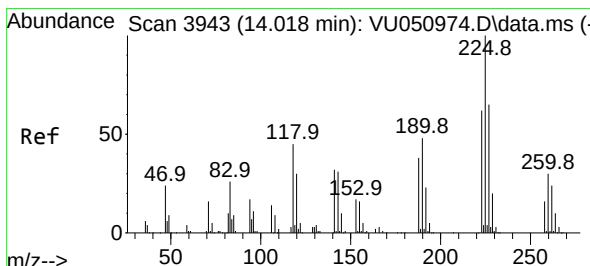
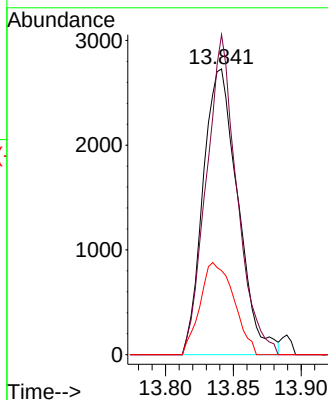
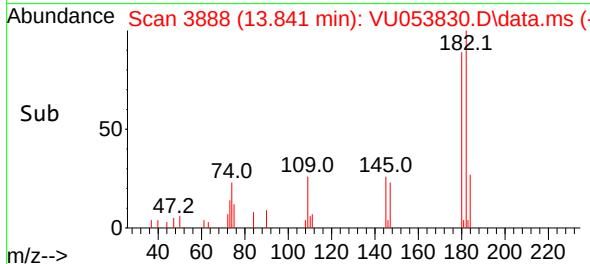
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:180 Resp: 4870
Ion Ratio Lower Upper
180 100
182 98.4 75.8 113.6
145 31.3 23.9 35.9

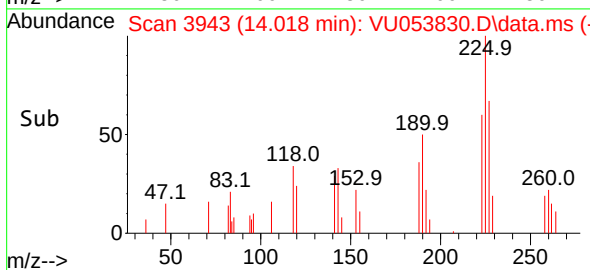
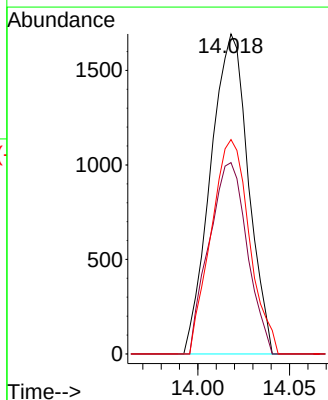
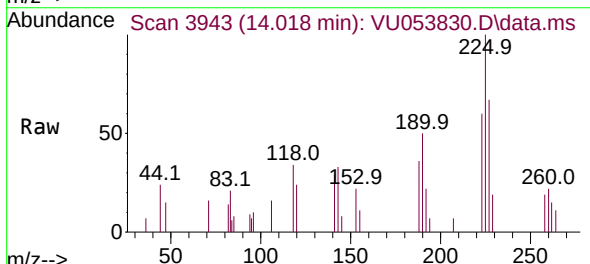
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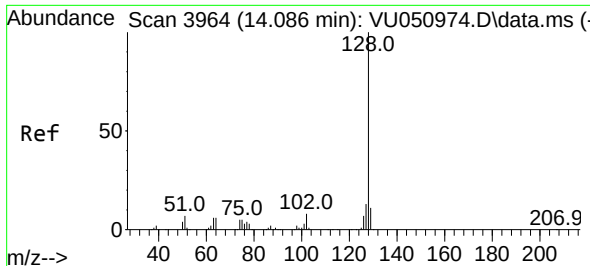
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#88
Hexachlorobutadiene
Concen: 0.300 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

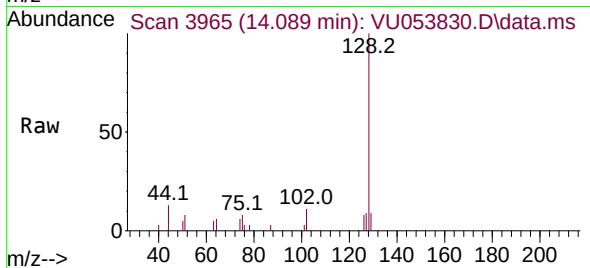
Tgt Ion:225 Resp: 2424
Ion Ratio Lower Upper
225 100
223 60.3 50.2 75.4
227 68.0 51.5 77.3





#89
Naphthalene
Concen: 0.320 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.007 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31

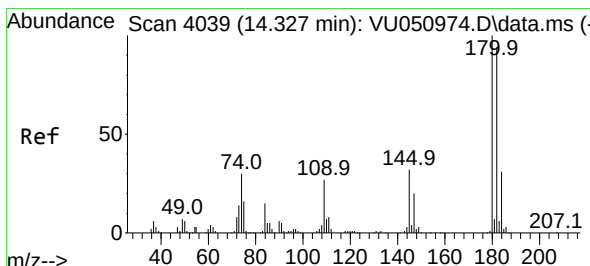
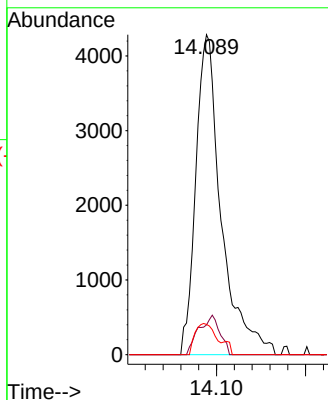
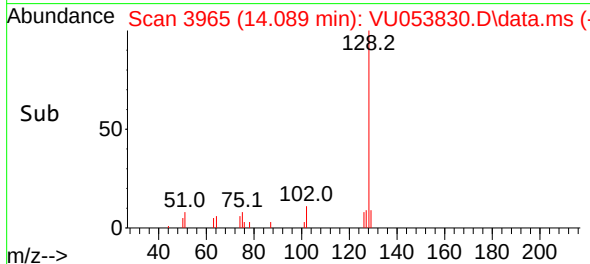
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



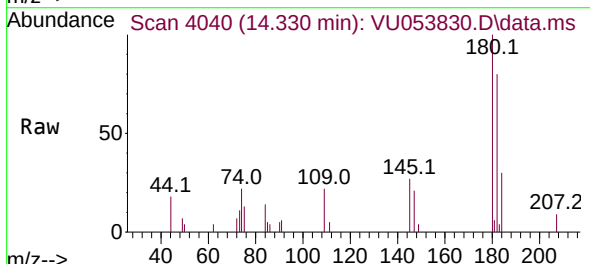
Tgt Ion:128 Resp: 850
Ion Ratio Lower Upper
128 100
127 10.1 10.9 16.3
129 7.7 8.6 12.8

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: 0.342 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.006 min
Lab File: VU053830.D
Acq: 21 Apr 2023 17:31



Tgt Ion:180 Resp: 4934
Ion Ratio Lower Upper
180 100
182 89.1 75.7 113.5
145 27.0 26.1 39.1

