

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053475.D
 Acq On : 29 Mar 2023 19:44
 Operator : JC/MD
 Sample : 01245-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-TURB-WS

Quant Time: Mar 30 14:10:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 13:33:10 2023
 Response via : Initial Calibration

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

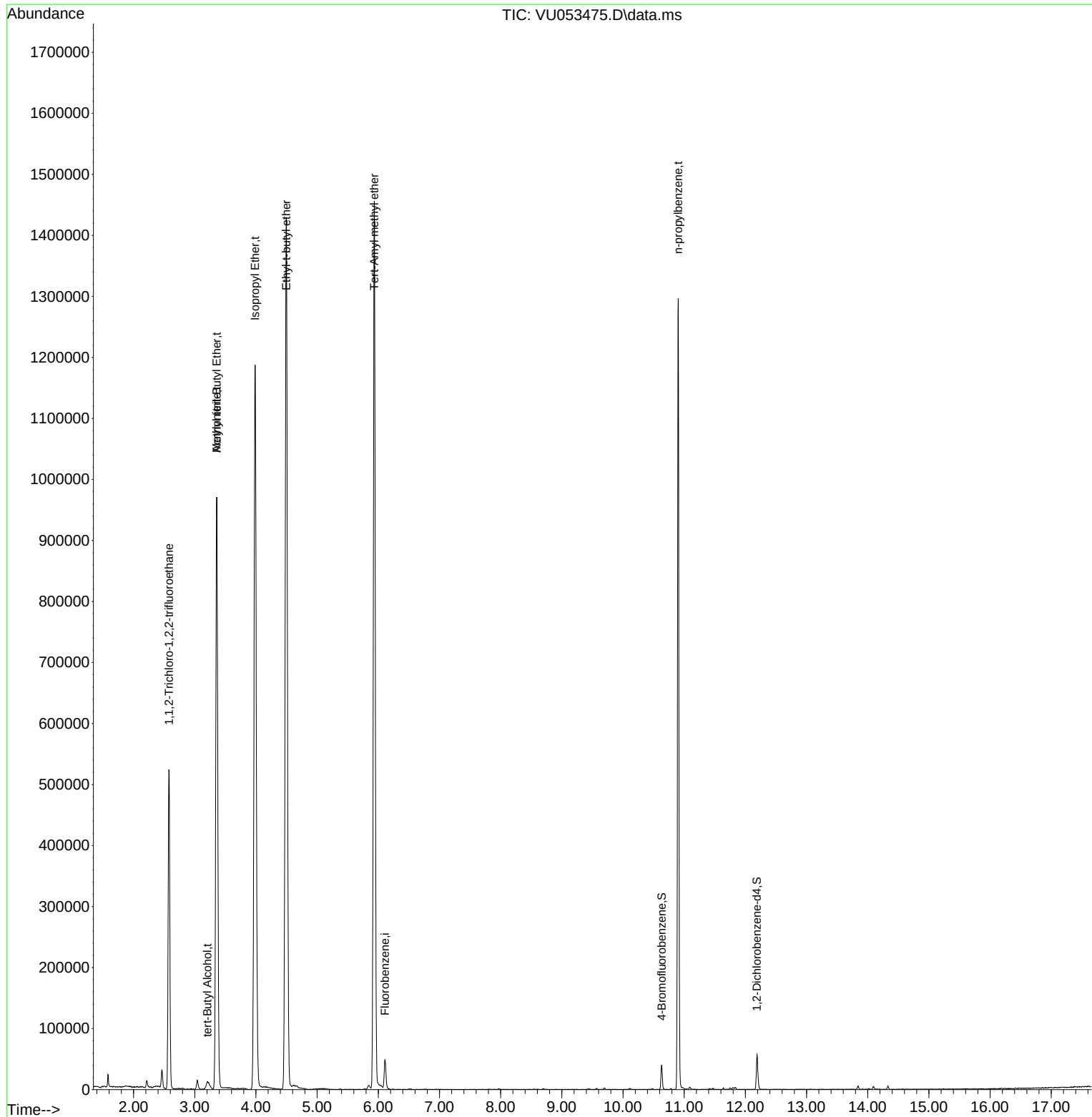
Internal Standards						
1) Fluorobenzene	6.108	96	46150	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	13287	0.797	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	13740	0.822	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	209279	15.701	ug/l	99
12) Acrylonitrile	3.359	53	11093	4.684	ug/l #	28
24) tert-Butyl Alcohol	3.208	59	29339	33.352	ug/l #	1
25) Methyl tert-Butyl Ether	3.359	73	1138829	42.141	ug/l	97
31) Isopropyl Ether	3.986	45	1230938	38.916	ug/l	93
32) Ethyl-t-butyl ether	4.494	59	1503622	46.277	ug/l	97
33) Tert-Amyl methyl ether	5.935	73	1291636	44.708	ug/l	99
73) n-propylbenzene	10.902	120	218410	13.690	ug/l	99

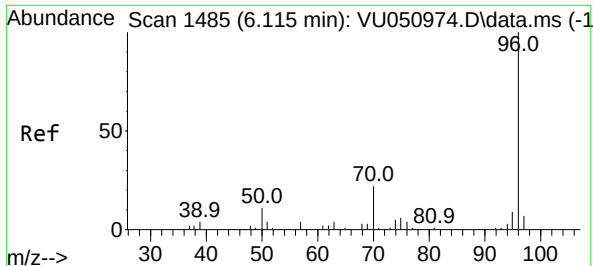
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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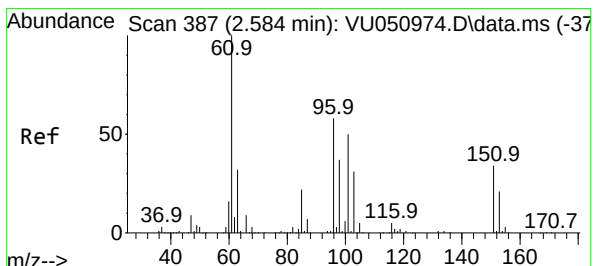
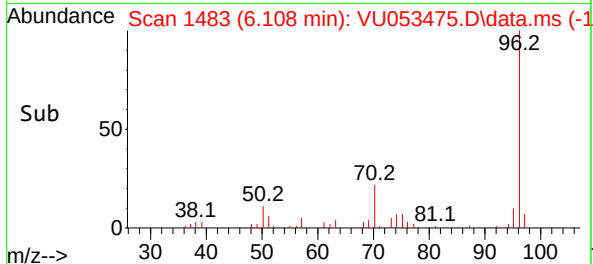
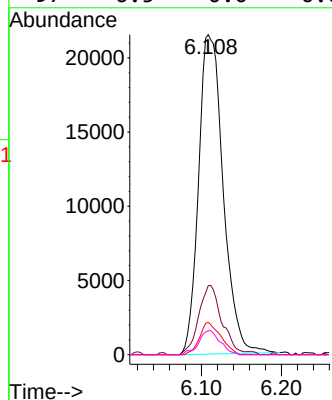
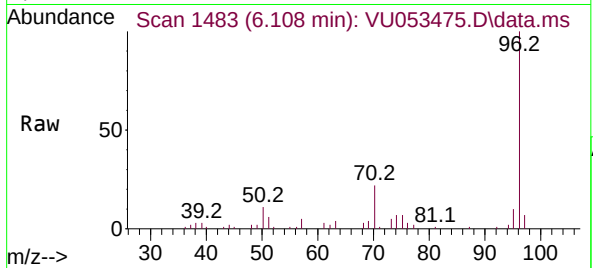




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 1483
Delta R.T. -0.007 min
Lab File: VU053475.D
Acq: 29 Mar 2023 19:44

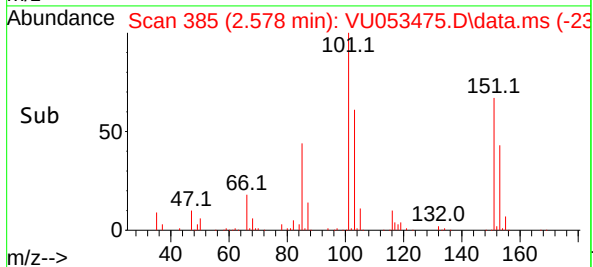
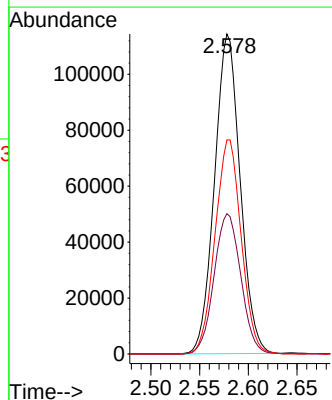
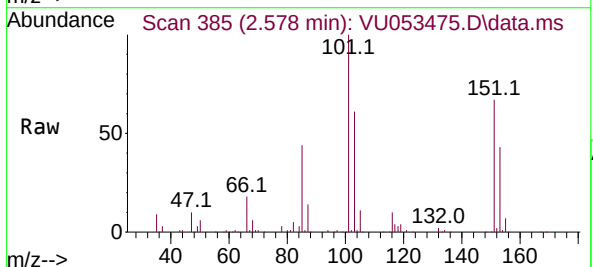
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MSVOA_U
ClientSampleId :
PT-TURB-WS

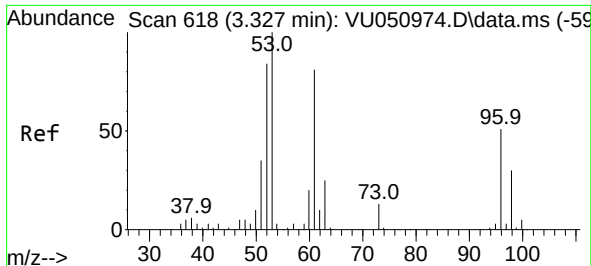
Tgt Ion: 96	Resp: 46150
Ion Ratio	Lower Upper
96 100	
70 19.3	16.5 24.7
95 8.7	7.4 11.0
97 6.5	0.0 0.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.701 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU053475.D
Acq: 29 Mar 2023 19:44

Tgt Ion: 101	Resp: 209279
Ion Ratio	Lower Upper
101 100	
85 45.7	35.4 53.0
151 68.3	54.0 81.0

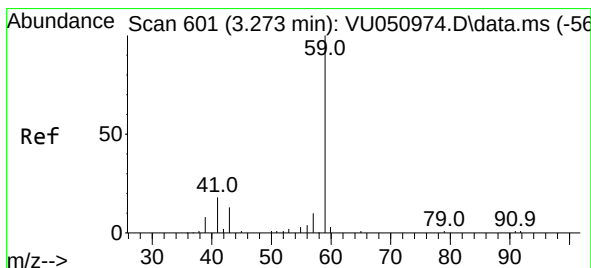
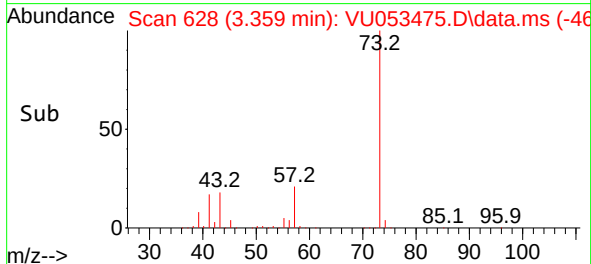
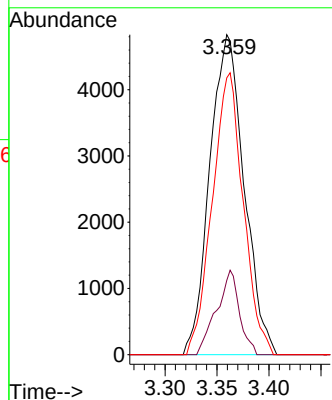
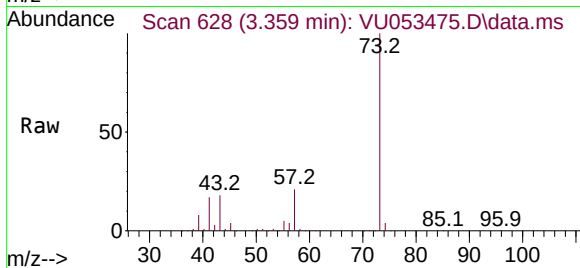




#12
Acrylonitrile
Concen: 4.684 ug/l
RT: 3.359 min Scan# 618
Delta R.T. 0.032 min
Lab File: VU053475.D
Acq: 29 Mar 2023 19:44

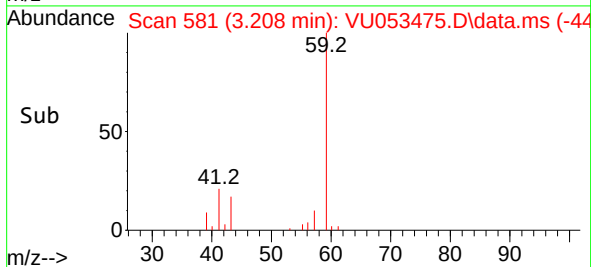
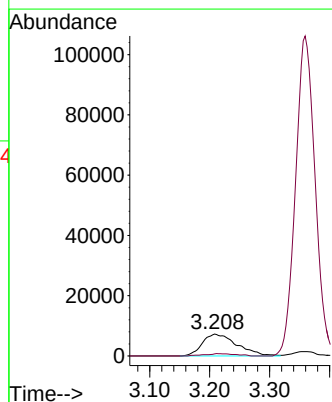
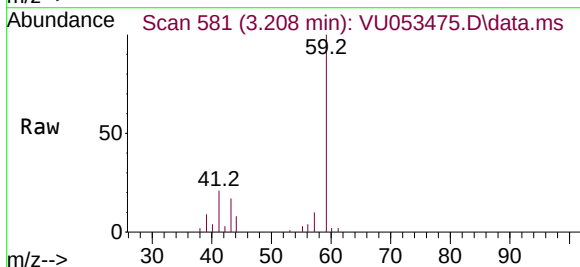
Instrument :
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ClientSampleId :
PT-TURB-WS

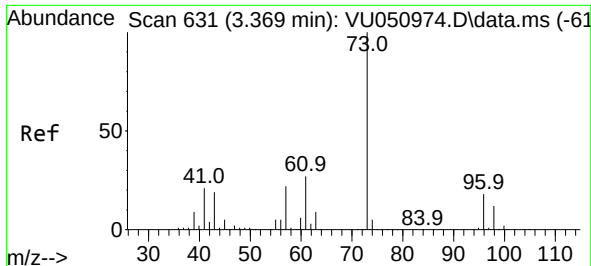
Tgt Ion: 53 Resp: 11093
Ion Ratio Lower Upper
53 100
52 17.6 62.9 94.3#
51 79.4 27.8 41.6#



#24
tert-Butyl Alcohol
Concen: 33.352 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.065 min
Lab File: VU053475.D
Acq: 29 Mar 2023 19:44

Tgt Ion: 59 Resp: 29339
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#

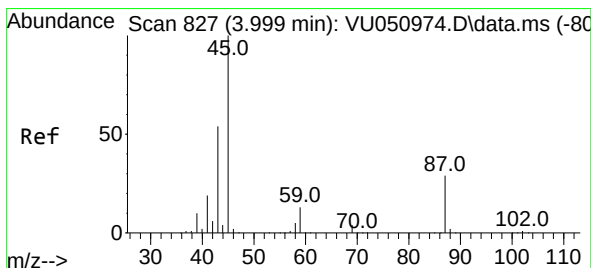
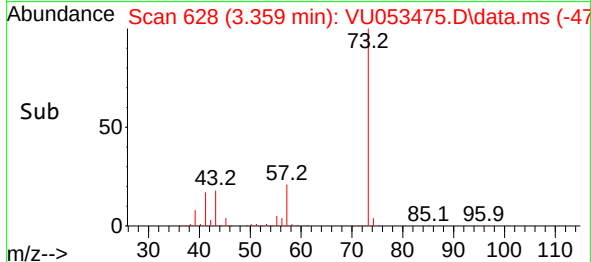
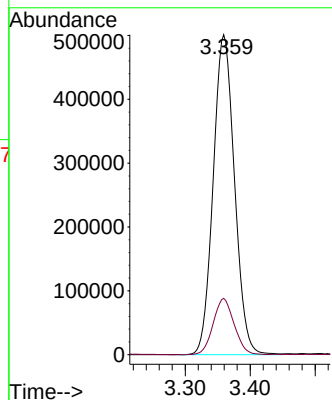
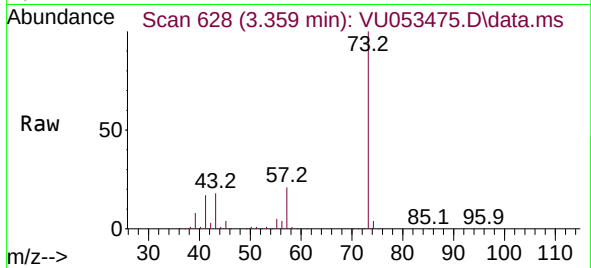




#25
Methyl tert-Butyl Ether
Concen: 42.141 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU053475.D
Acq: 29 Mar 2023 19:44

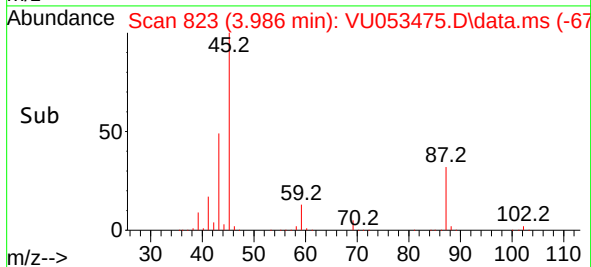
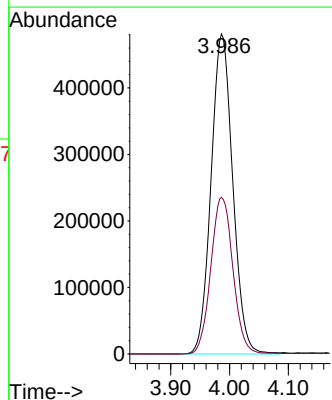
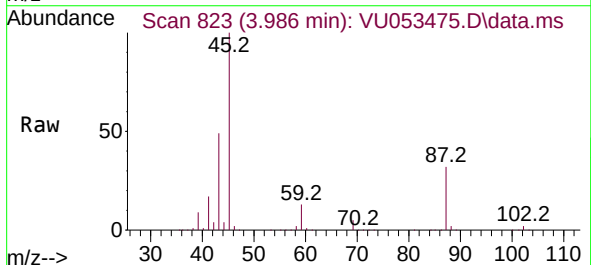
Instrument :
MSVOA_U
ClientSampleId :
PT-TURB-WS

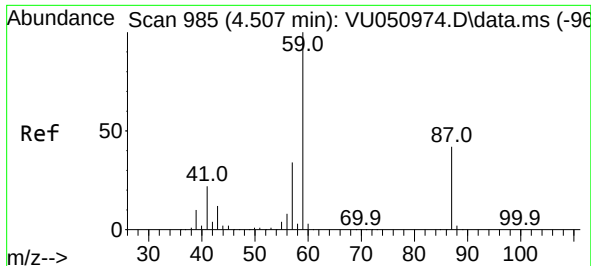
Tgt Ion: 73 Resp: 1138829
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.6



#31
Isopropyl Ether
Concen: 38.916 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.013 min
Lab File: VU053475.D
Acq: 29 Mar 2023 19:44

Tgt Ion: 45 Resp: 1230938
Ion Ratio Lower Upper
45 100
43 50.2 27.5 82.5





#32

Ethyl-t-butyl ether

Concen: 46.277 ug/l

RT: 4.494 min Scan# 91

Delta R.T. -0.013 min

Lab File: VU053475.D

Acq: 29 Mar 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

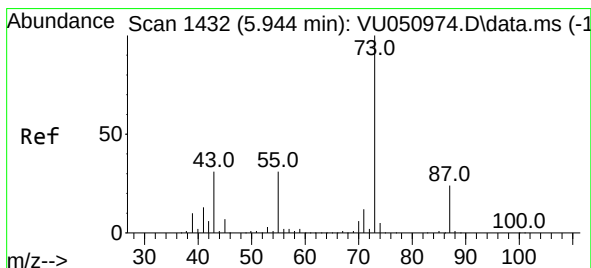
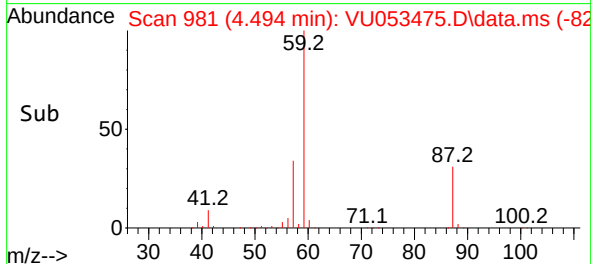
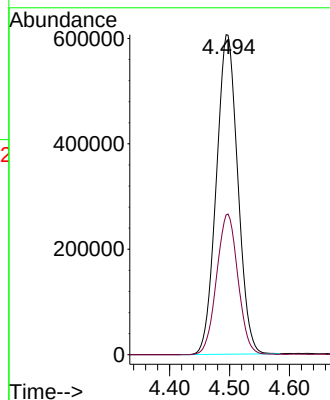
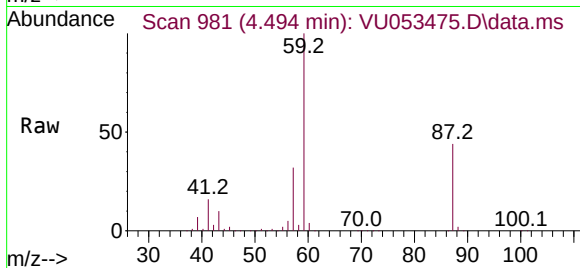
PT-TURB-WS

Tgt Ion: 59 Resp: 1503622

Ion Ratio Lower Upper

59 100

87 43.7 33.5 50.3



#33

Tert-Amyl methyl ether

Concen: 44.708 ug/l

RT: 5.935 min Scan# 1429

Delta R.T. -0.010 min

Lab File: VU053475.D

Acq: 29 Mar 2023 19:44

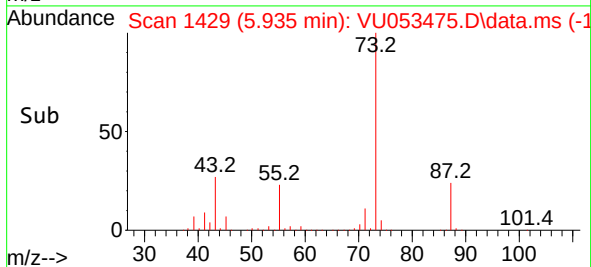
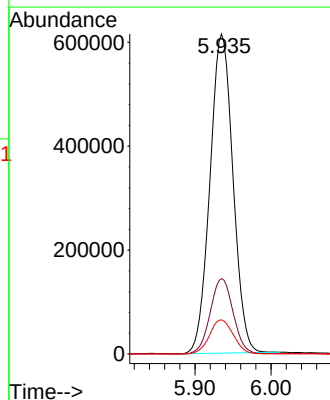
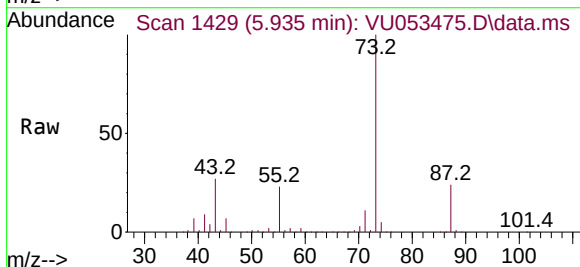
Tgt Ion: 73 Resp: 1291636

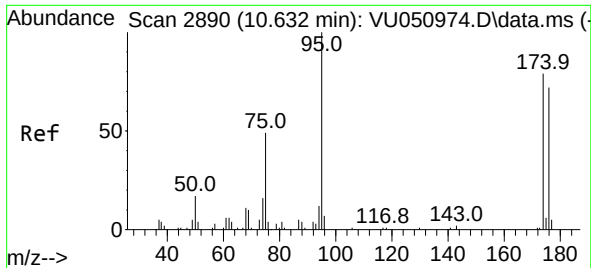
Ion Ratio Lower Upper

73 100

87 23.4 18.6 28.0

71 11.0 9.9 14.9

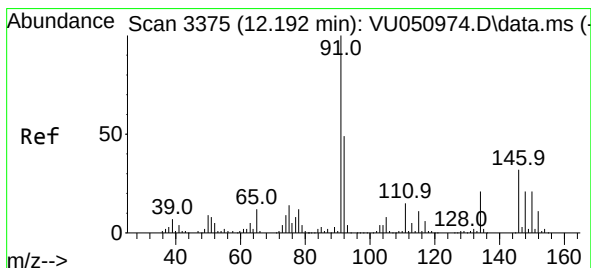
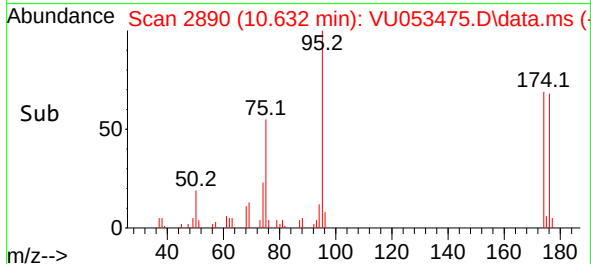
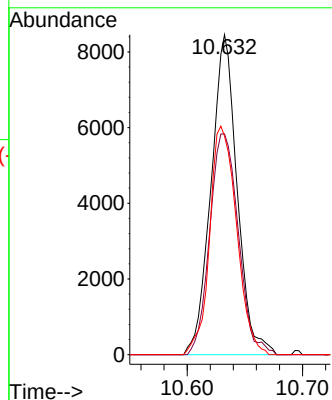
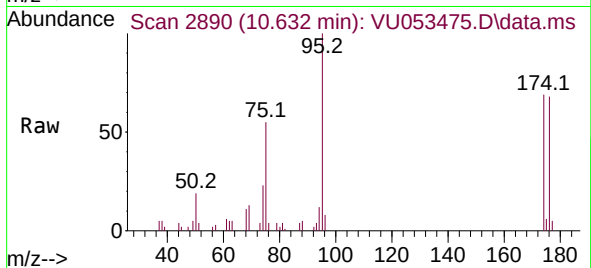




#57
 4-Bromofluorobenzene
 Concen: 0.797 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.000 min
 Lab File: VU053475.D
 Acq: 29 Mar 2023 19:44

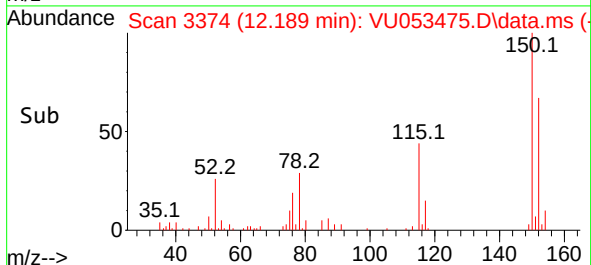
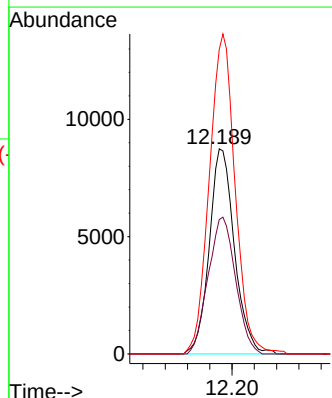
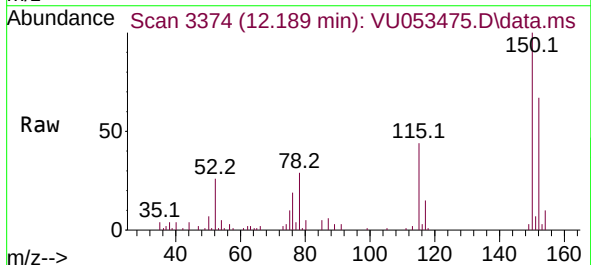
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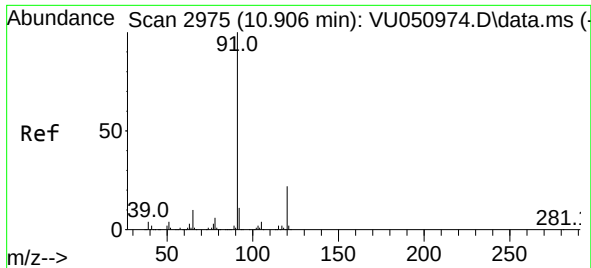
Tgt Ion: 95 Resp: 13287
 Ion Ratio Lower Upper
 95 100
 174 75.5 63.3 94.9
 176 73.5 59.3 88.9



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.822 ug/l
 RT: 12.189 min Scan# 3374
 Delta R.T. -0.003 min
 Lab File: VU053475.D
 Acq: 29 Mar 2023 19:44

Tgt Ion: 152 Resp: 13740
 Ion Ratio Lower Upper
 152 100
 115 72.3 0.0 308.8
 150 159.3 0.0 635.0





#73
 n-propylbenzene
 Concen: 13.690 ug/l
 RT: 10.902 min Scan# 2974
 Delta R.T. -0.004 min
 Lab File: VU053475.D
 Acq: 29 Mar 2023 19:44

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-TURB-WS

Tgt Ion:120 Resp: 218410
 Ion Ratio Lower Upper
 120 100
 91 459.3 369.8 554.6

