

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053789.D
 Acq On : 19 Apr 2023 18:42
 Operator : JC/MD
 Sample : 02035-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38150-121121

Quant Time: Apr 20 13:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 13:45:12 2023
 Response via : Initial Calibration

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

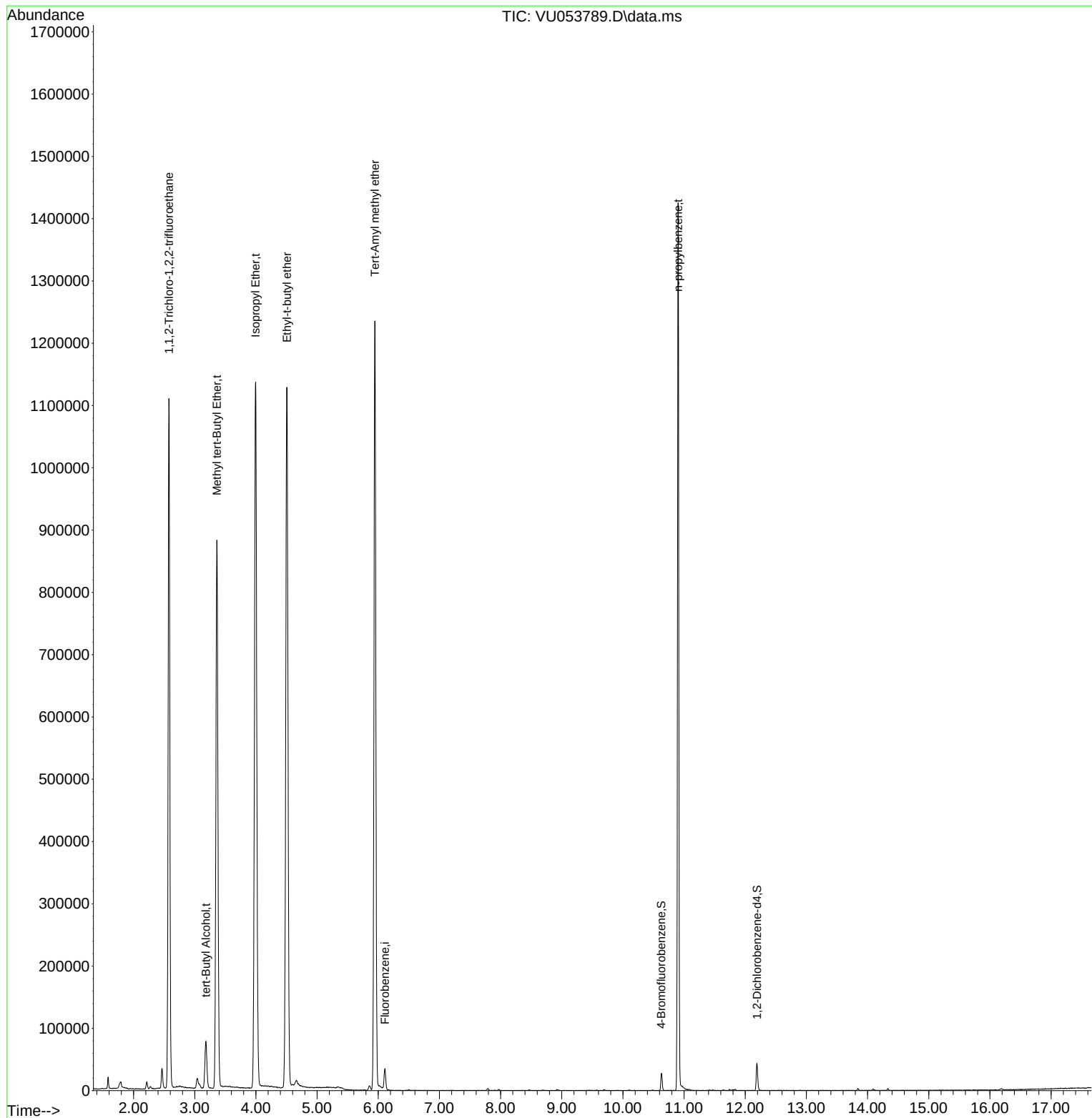
Internal Standards						
1) Fluorobenzene	6.108	96	30790	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	9511	0.788	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12777	0.890	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	450507	42.391	ug/l	95
24) tert-Butyl Alcohol	3.182	59	62537	71.606	ug/l #	1
25) Methyl tert-Butyl Ether	3.362	73	1063804	43.828	ug/l	93
31) Isopropyl Ether	3.996	45	1194063	42.552	ug/l	90
32) Ethyl-t-butyl ether	4.507	59	1194412	42.077	ug/l	95
33) Tert-Amyl methyl ether	5.944	73	1064237	51.310	ug/l	97
73) n-propylbenzene	10.902	120	244347	20.129	ug/l	90

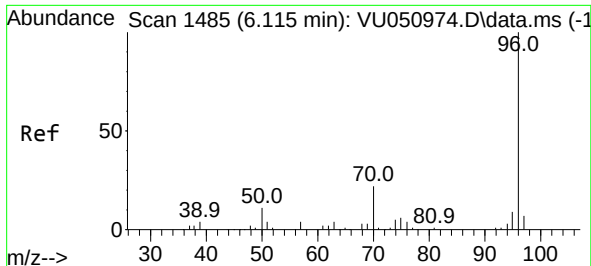
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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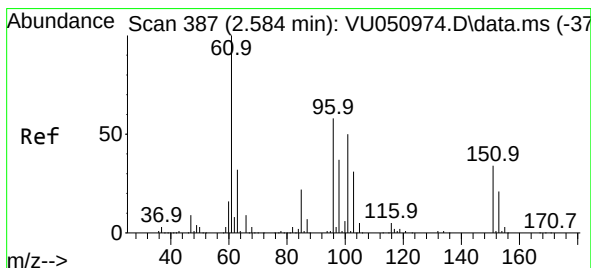
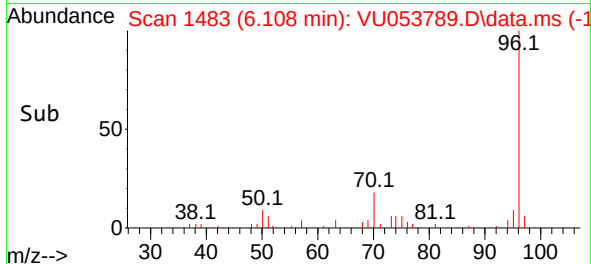
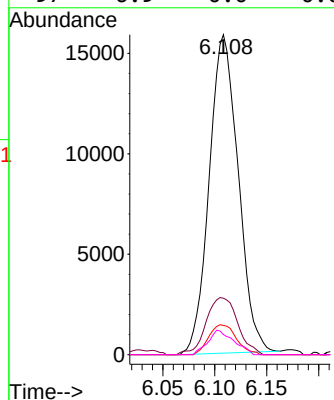
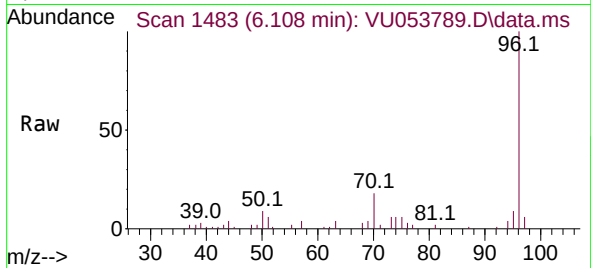




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

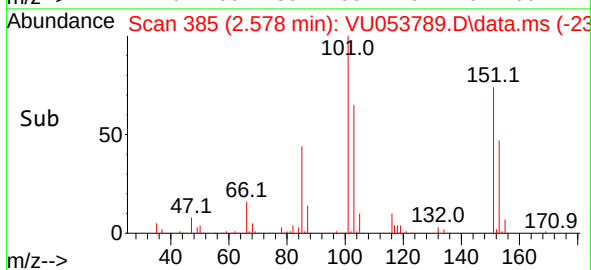
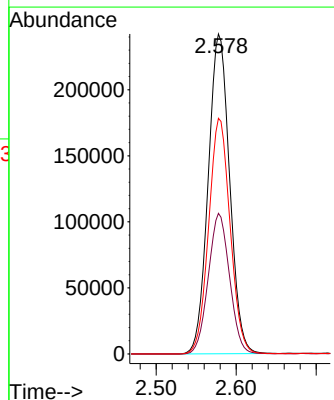
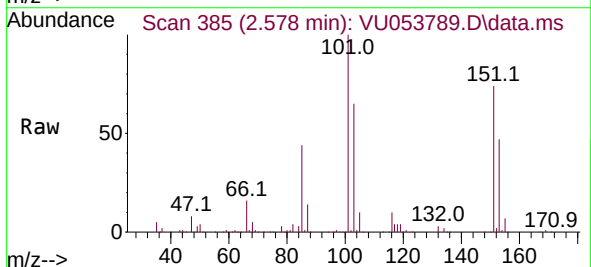
Instrument :
MSVOA_U
ClientSampleId :
38150-121121

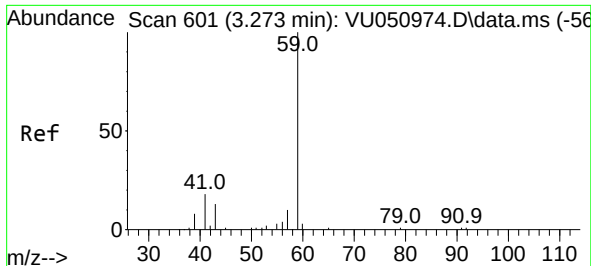
Tgt Ion: 96	Resp: 30790
Ion Ratio	Lower Upper
96 100	
70 19.5	16.5 24.7
95 8.9	7.4 11.0
97 6.9	0.0 0.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.391 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 101	Resp: 450507
Ion Ratio	Lower Upper
101 100	
85 43.6	35.4 53.0
151 73.7	54.0 81.0

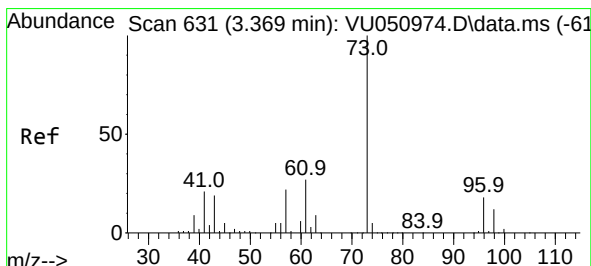
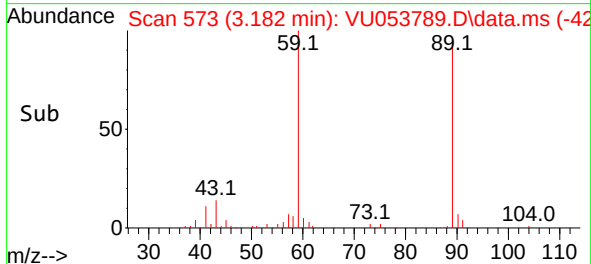
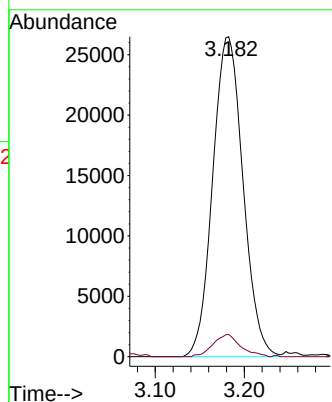
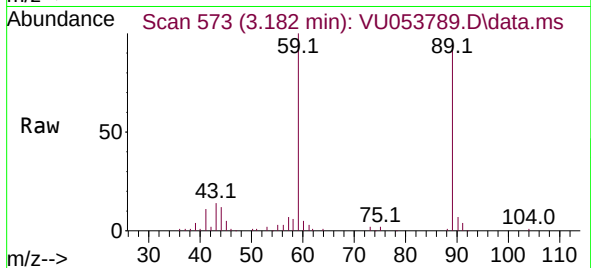




#24
tert-Butyl Alcohol
Concen: 71.606 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

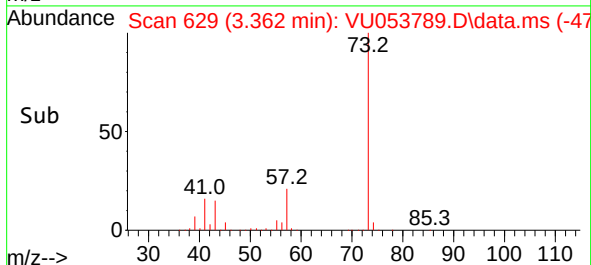
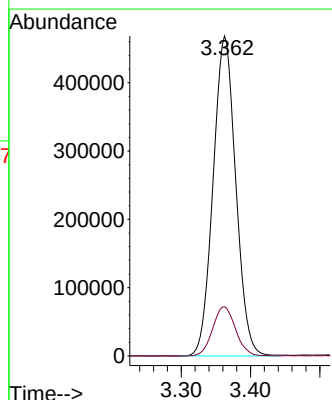
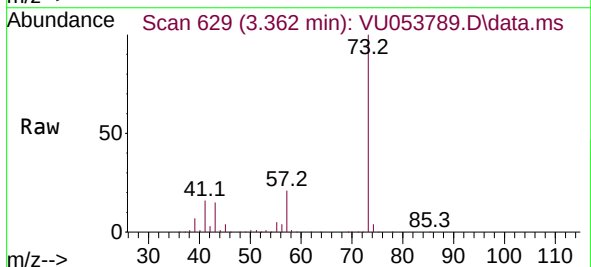
Instrument :
MSVOA_U
ClientSampleId :
38150-121121

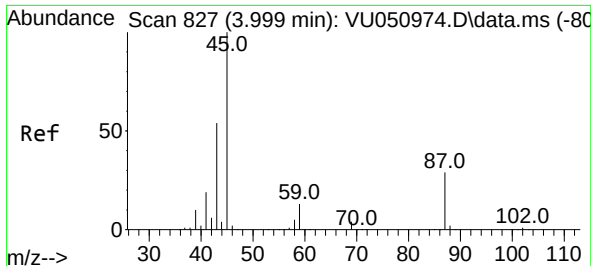
Tgt Ion: 59 Resp: 62537
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#



#25
Methyl tert-Butyl Ether
Concen: 43.828 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 73 Resp: 1063804
Ion Ratio Lower Upper
73 100
43 15.6 15.0 22.6

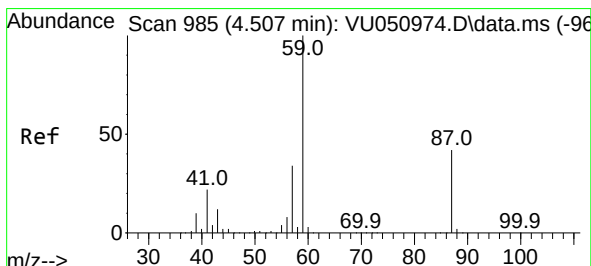
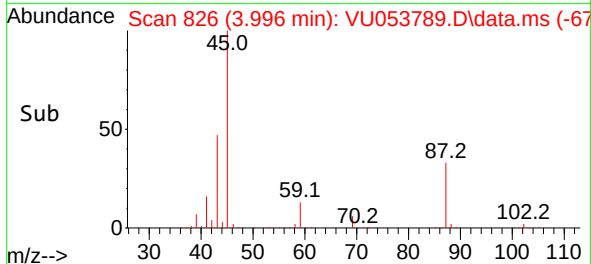
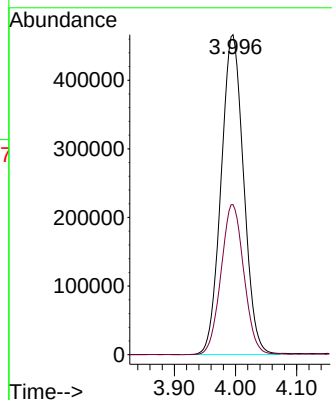
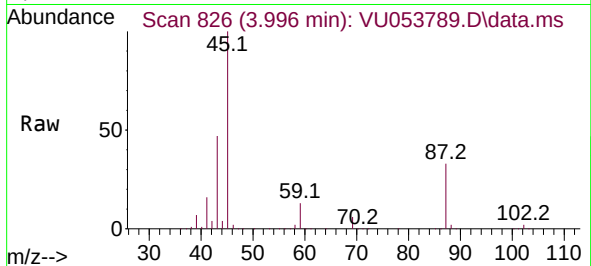




#31
Isopropyl Ether
Concen: 42.552 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

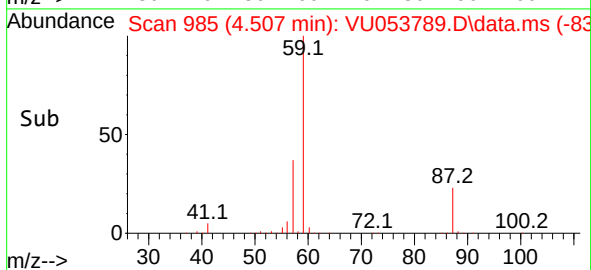
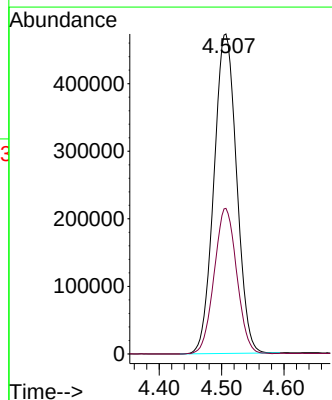
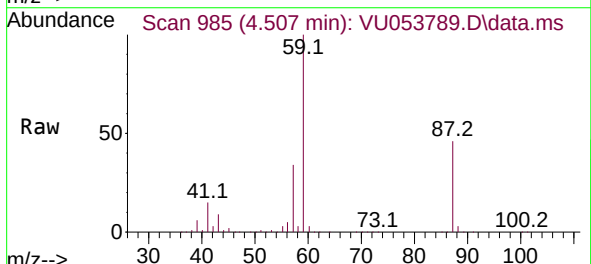
Instrument :
MSVOA_U
ClientSampleId :
38150-121121

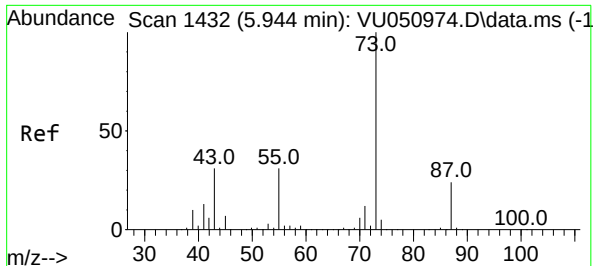
Tgt Ion: 45 Resp: 1194063
Ion Ratio Lower Upper
45 100
43 47.7 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 42.077 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 59 Resp: 1194412
Ion Ratio Lower Upper
59 100
87 45.3 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 51.310 ug/l

RT: 5.944 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU053789.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_U

ClientSampleId :

38150-121121

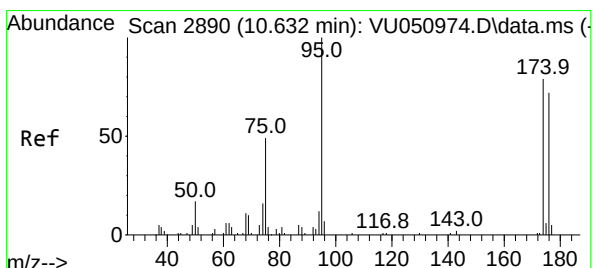
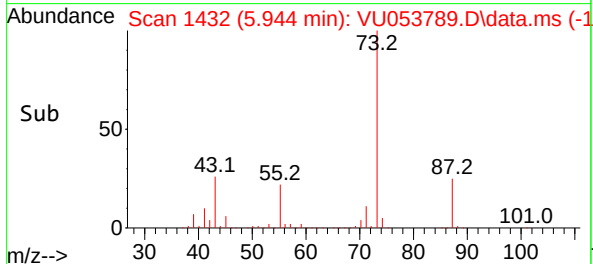
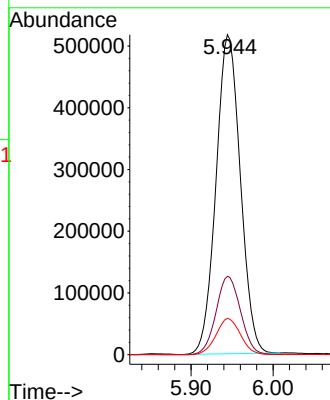
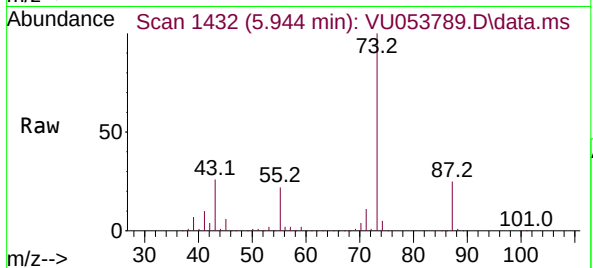
Tgt Ion: 73 Resp: 1064237

Ion Ratio Lower Upper

73 100

87 24.7 18.6 28.0

71 11.4 9.9 14.9



#57

4-Bromofluorobenzene

Concen: 0.788 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VU053789.D

Acq: 19 Apr 2023 18:42

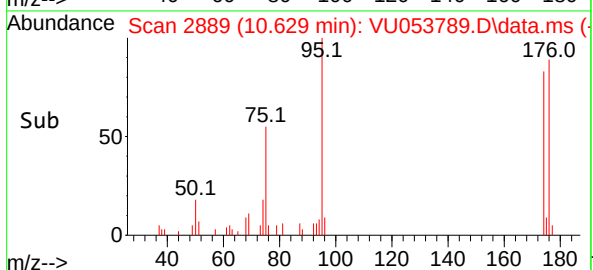
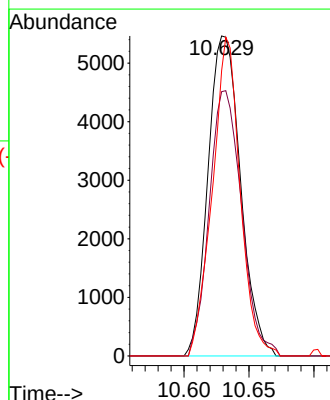
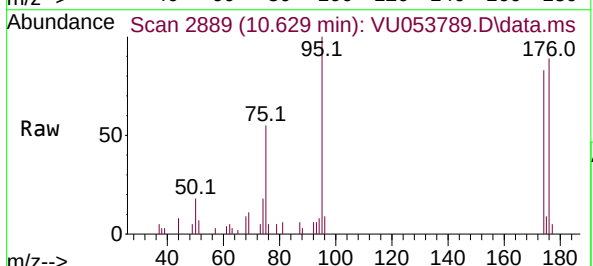
Tgt Ion: 95 Resp: 9511

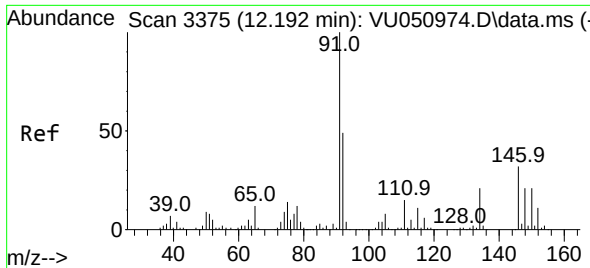
Ion Ratio Lower Upper

95 100

174 82.4 63.3 94.9

176 85.1 59.3 88.9

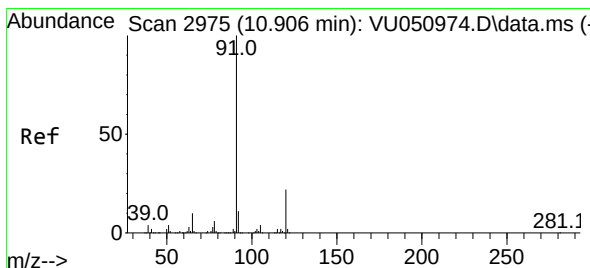
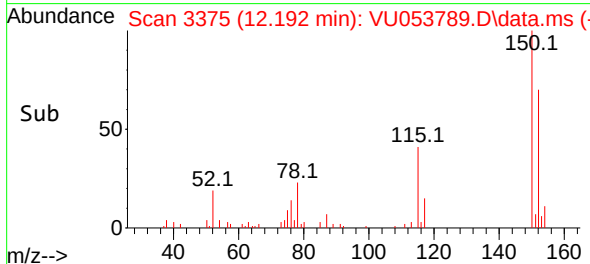
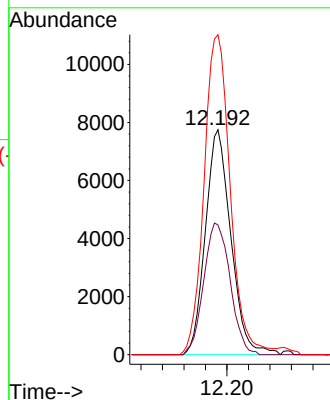
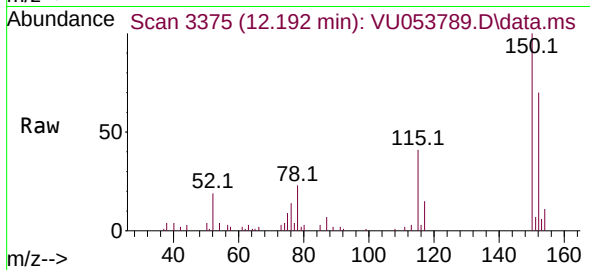




#68
1,2-Dichlorobenzene-d4
Concen: 0.890 ug/l
RT: 12.192 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_U
ClientSampleId :
38150-121121

Tgt Ion:152 Resp: 12777
Ion Ratio Lower Upper
152 100
115 60.5 0.0 308.8
150 145.7 0.0 635.0



#73
n-propylbenzene
Concen: 20.129 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053789.D
Acq: 19 Apr 2023 18:42

Tgt Ion:120 Resp: 244347
Ion Ratio Lower Upper
120 100
91 436.0 369.8 554.6

