

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054859.D
 Acq On : 24 Jul 2023 15:04
 Operator : MD/SY
 Sample : 03587-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Jul 25 02:14:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

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

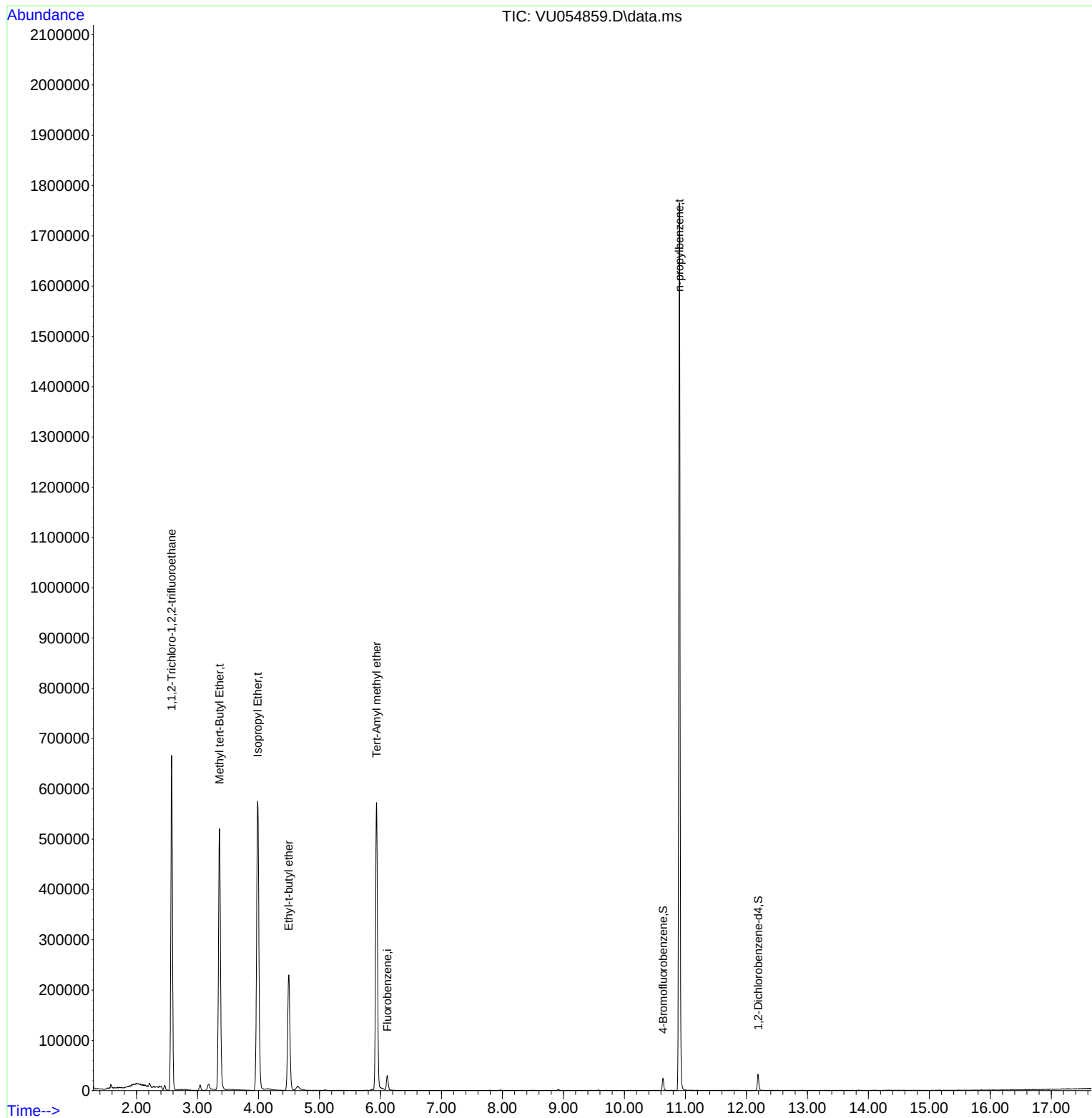
Internal Standards						
1) Fluorobenzene	6.113	96	27636	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	7767	0.931	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8718	0.902	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	255584	44.898	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	629148	43.370	ug/l	97
31) Isopropyl Ether	3.988	45	576450	34.842	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	239473	14.086	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	517792	32.362	ug/l	99
73) n-propylbenzene	10.900	120	304958	35.506	ug/l	100

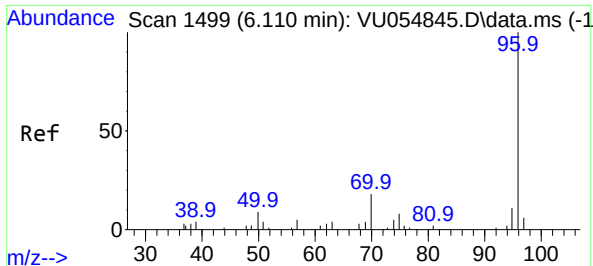
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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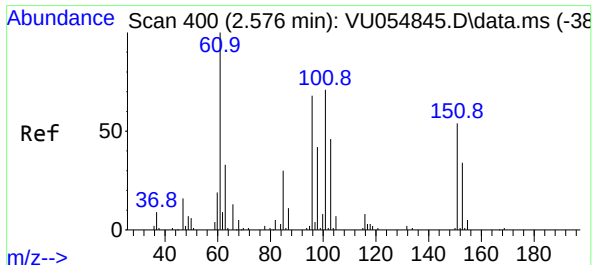
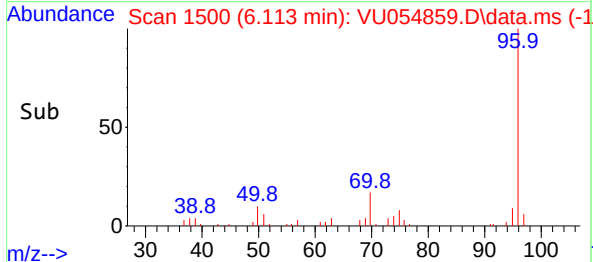
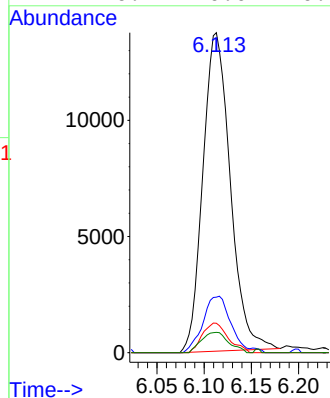
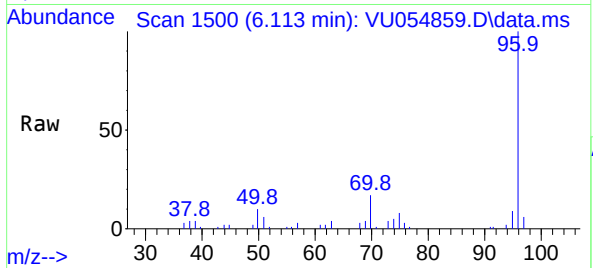


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 96 Resp: 27636

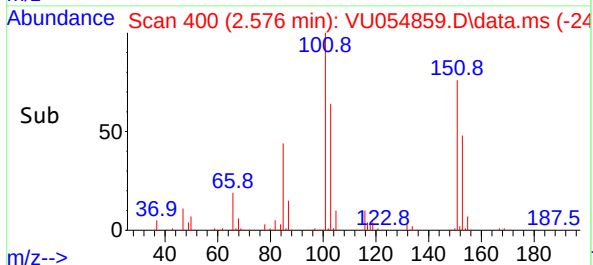
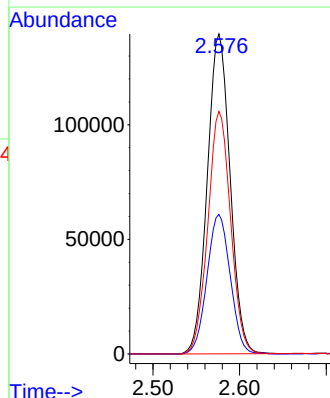
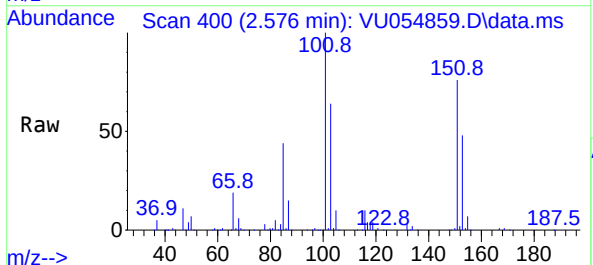
Ion	Ratio	Lower	Upper
96	100		
70	18.2	14.0	21.0
95	8.8	8.7	13.1
97	6.4	0.0	0.0

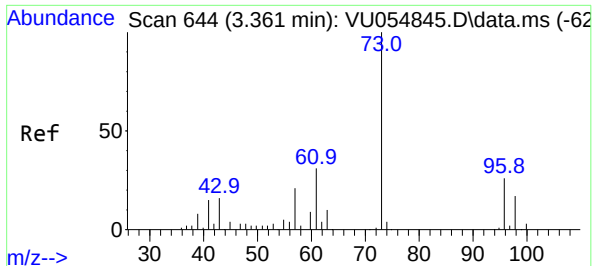


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.898 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

Tgt Ion: 101 Resp: 255584

Ion	Ratio	Lower	Upper
101	100		
85	44.5	34.8	52.2
151	75.8	60.5	90.7

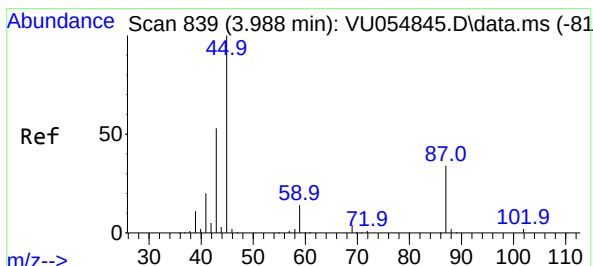
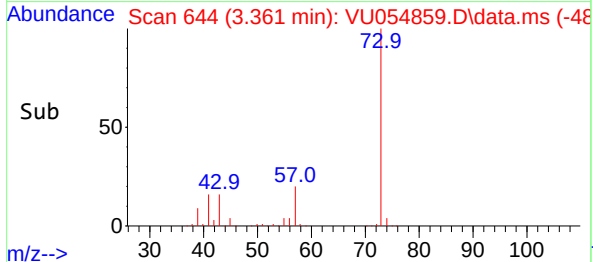
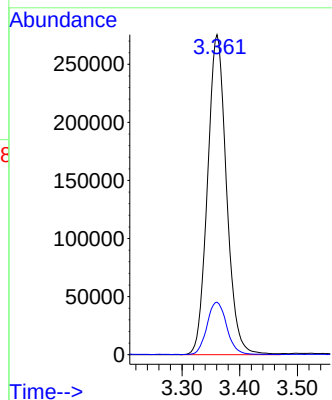
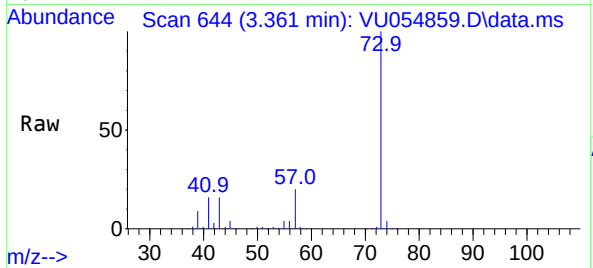




#25
Methyl tert-Butyl Ether
Concen: 43.370 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

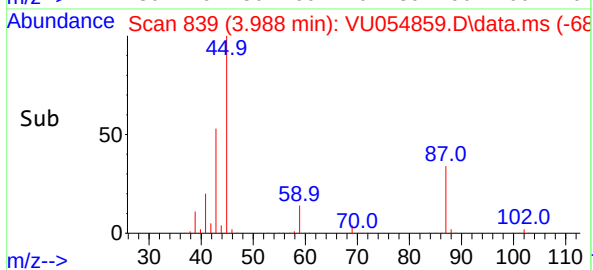
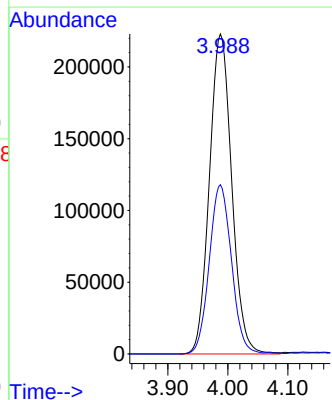
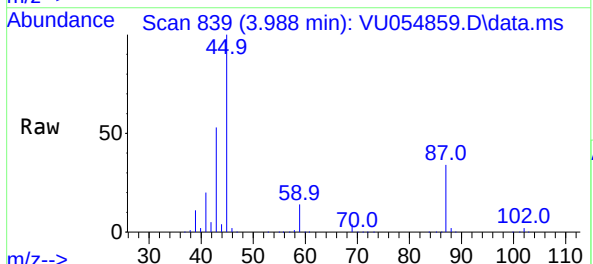
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

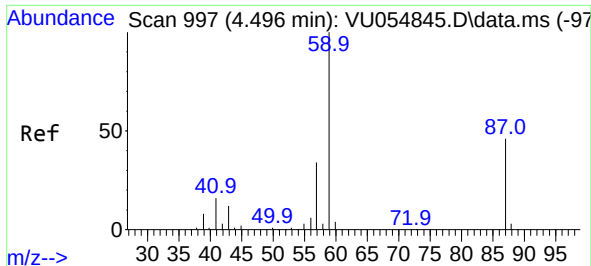
Tgt Ion: 73 Resp: 629148
Ion Ratio Lower Upper
73 100
43 16.9 14.6 22.0



#31
Isopropyl Ether
Concen: 34.842 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

Tgt Ion: 45 Resp: 576450
Ion Ratio Lower Upper
45 100
43 52.6 26.4 79.2

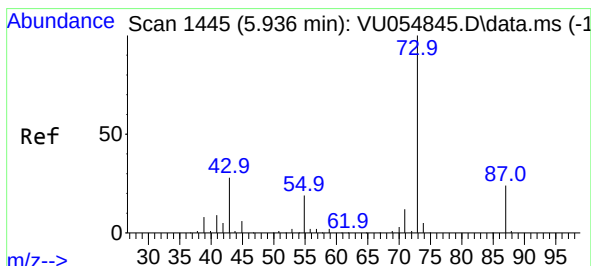
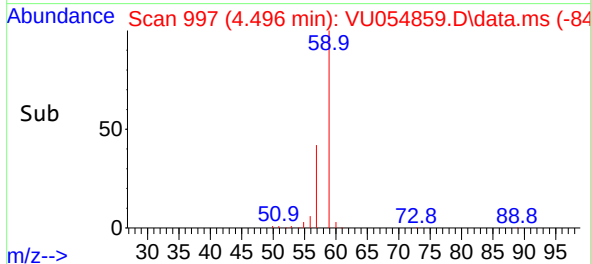
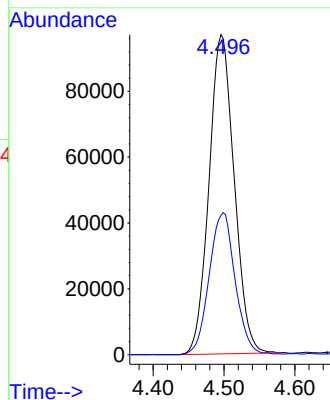
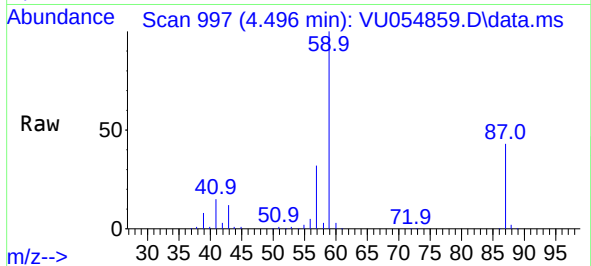




#32
Ethyl-t-butyl ether
Concen: 14.086 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

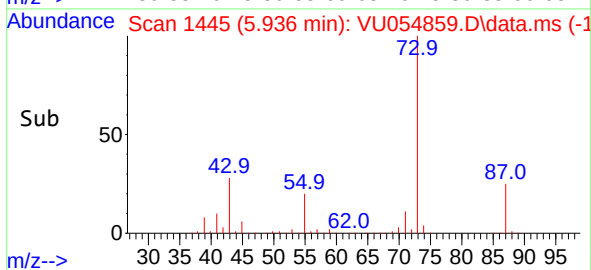
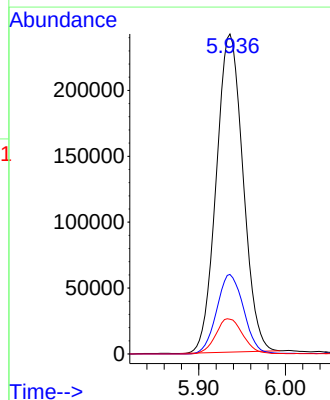
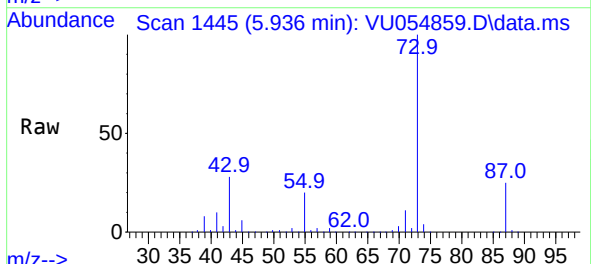
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

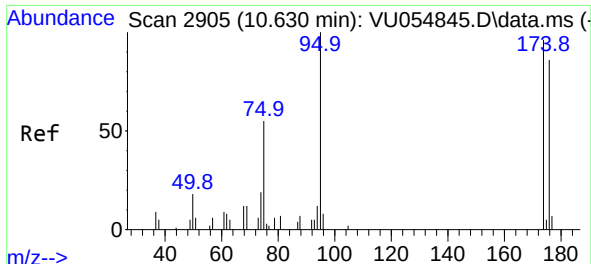
Tgt Ion: 59 Resp: 239473
Ion Ratio Lower Upper
59 100
87 45.5 35.7 53.5



#33
Tert-Amyl methyl ether
Concen: 32.362 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

Tgt Ion: 73 Resp: 517792
Ion Ratio Lower Upper
73 100
87 25.0 19.6 29.4
71 11.2 9.1 13.7

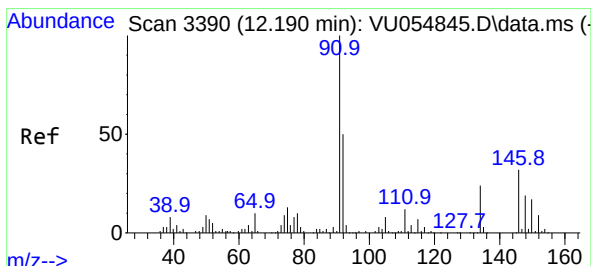
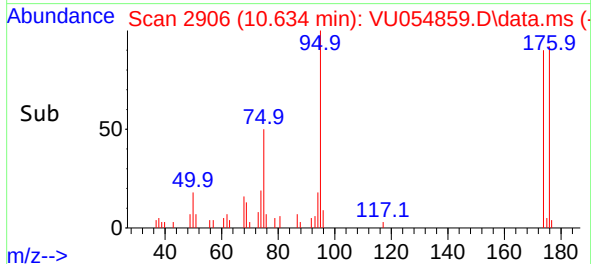
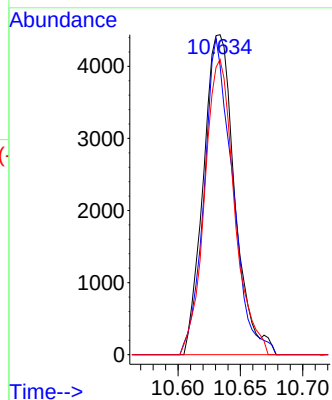
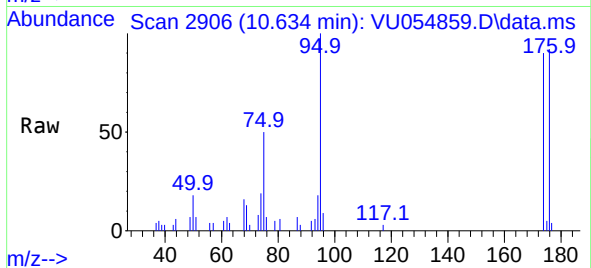




#57
4-Bromofluorobenzene
Concen: 0.931 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

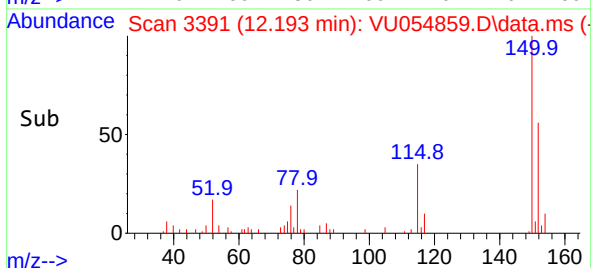
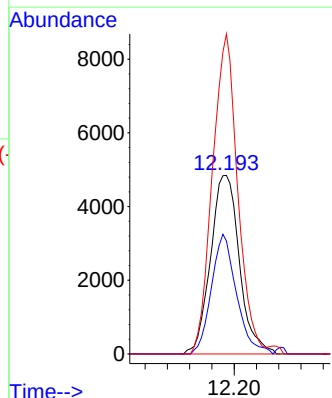
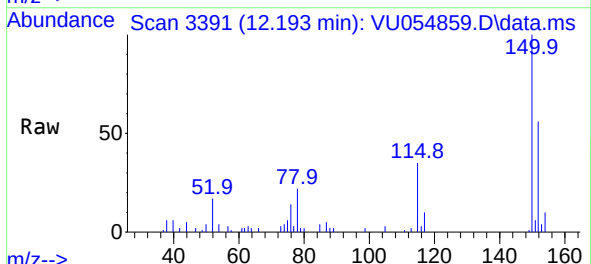
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PT-ADD-WS

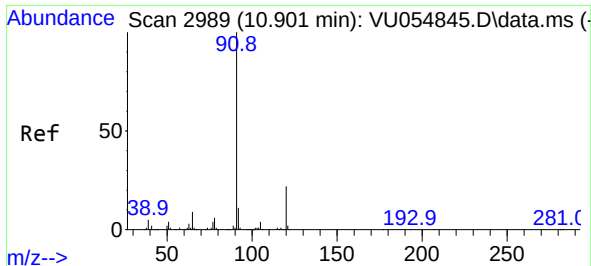
Tgt Ion: 95 Resp: 7767
Ion Ratio Lower Upper
95 100
174 89.9 79.3 118.9
176 87.8 71.5 107.3



#68
1,2-Dichlorobenzene-d4
Concen: 0.902 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054859.D
Acq: 24 Jul 2023 15:04

Tgt Ion:152 Resp: 8718
Ion Ratio Lower Upper
152 100
115 58.3 0.0 234.8
150 156.9 0.0 598.2





#73

n-propylbenzene

Concen: 35.506 ug/l

RT: 10.900 min Scan# 2989

Delta R.T. -0.000 min

Lab File: VU054859.D

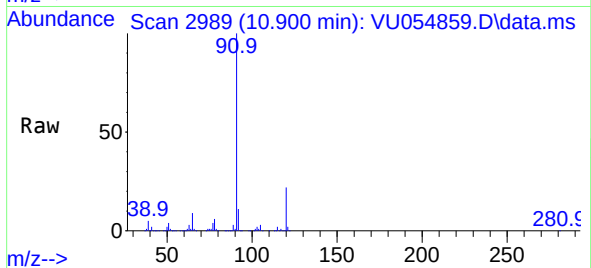
Acq: 24 Jul 2023 15:04

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS



Tgt Ion:120 Resp: 304958

Ion Ratio Lower Upper

120 100

91 452.1 361.8 542.6

