

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054882.D
 Acq On : 26 Jul 2023 17:43
 Operator : MD/SY
 Sample : 03587-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Quant Time: Jul 28 03:23:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

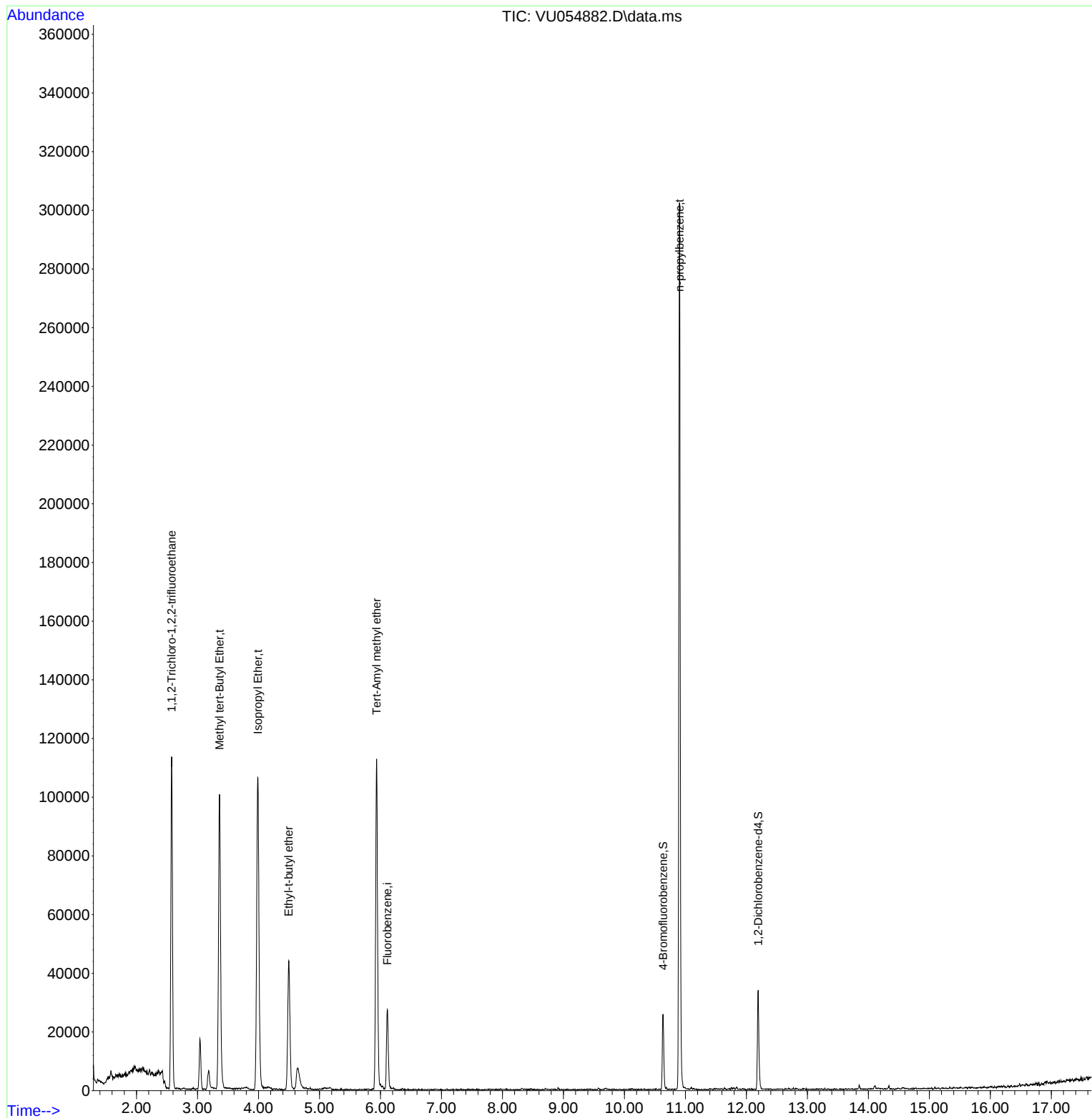
Internal Standards						
1) Fluorobenzene	6.113	96	27159	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	7953	0.966	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8488	0.912	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	43891	7.430	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	122700	8.456	ug/l	97
31) Isopropyl Ether	3.991	45	106909	6.344	ug/l	97
32) Ethyl-t-butyl ether	4.496	59	45942	2.648	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	102451	6.245	ug/l	99
73) n-propylbenzene	10.904	120	55804	6.370	ug/l	97

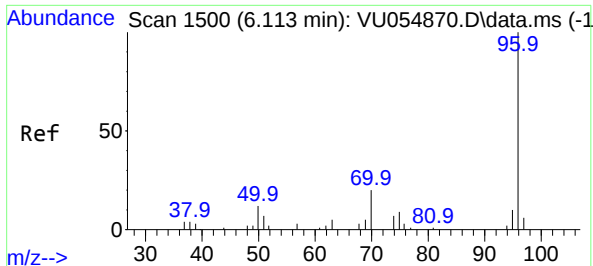
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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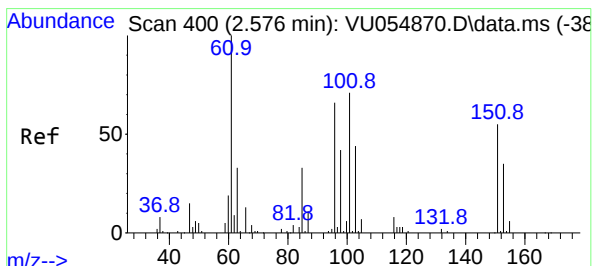
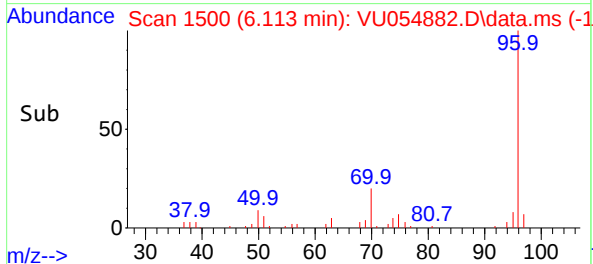
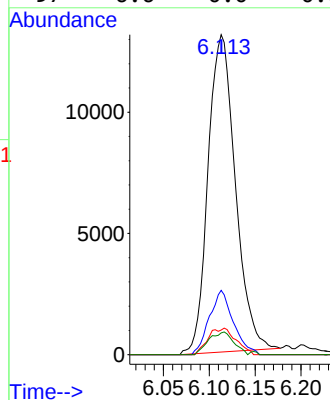
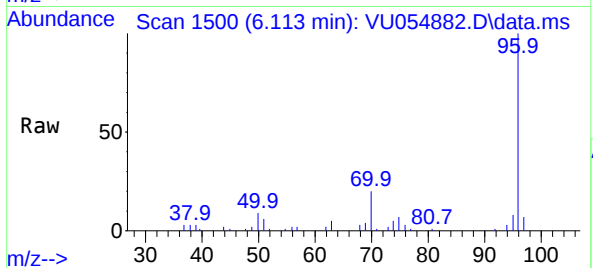




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

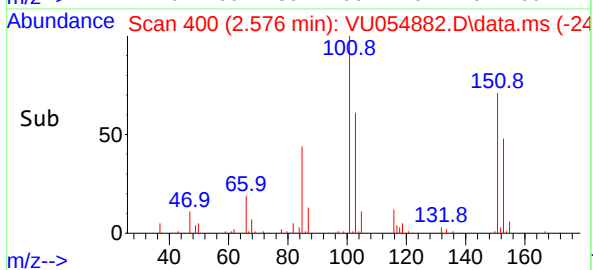
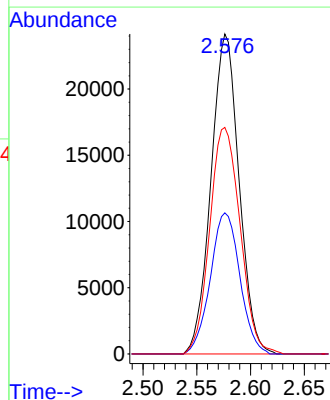
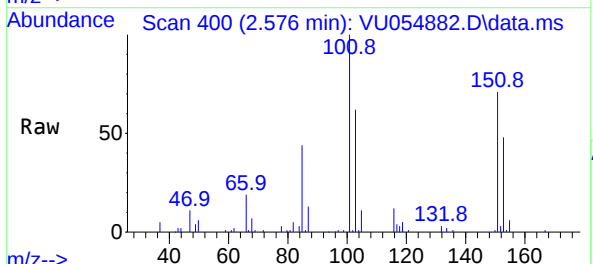
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

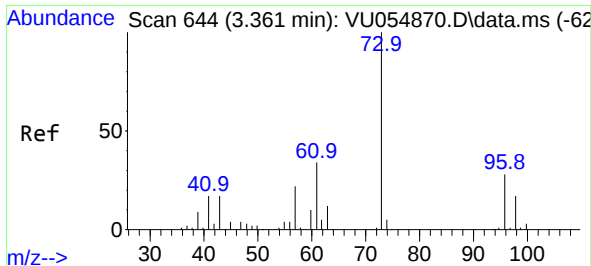
Tgt Ion:	96	Resp:	27159
Ion	Ratio	Lower	Upper
96	100		
70	17.8	14.0	21.0
95	3.6	8.7	13.1#
97	6.6	0.0	0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.430 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

Tgt Ion:	101	Resp:	43891
Ion	Ratio	Lower	Upper
101	100		
85	46.4	34.8	52.2
151	76.6	60.5	90.7

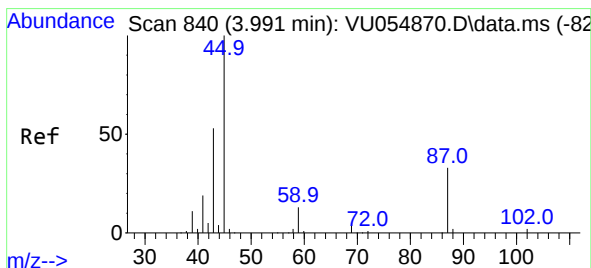
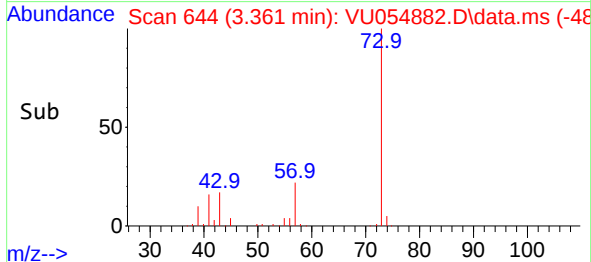
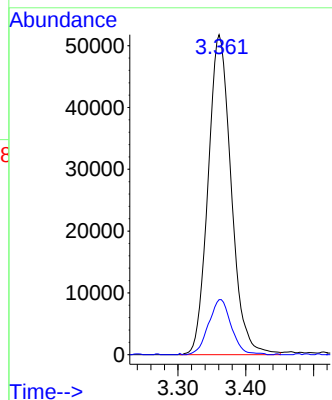
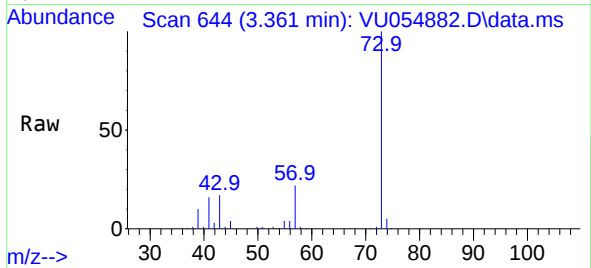




#25
Methyl tert-Butyl Ether
Concen: 8.456 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

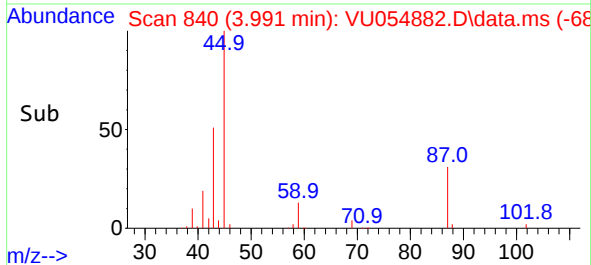
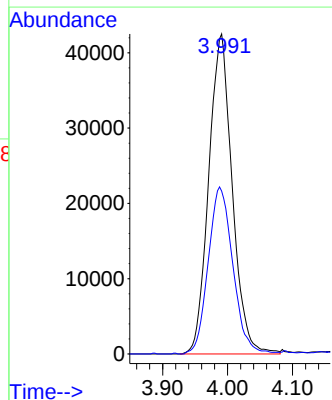
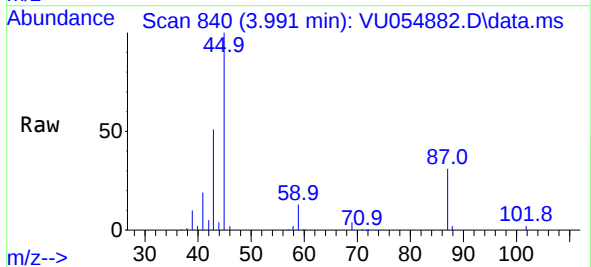
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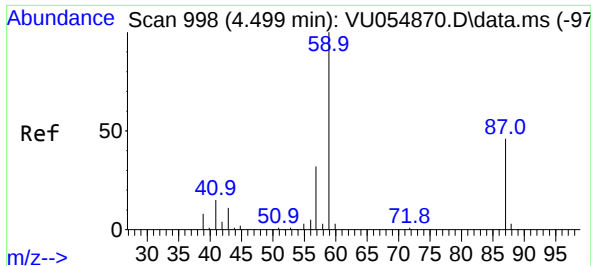
Tgt Ion: 73 Resp: 122700
Ion Ratio Lower Upper
73 100
43 16.9 14.6 22.0



#31
Isopropyl Ether
Concen: 6.344 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

Tgt Ion: 45 Resp: 106909
Ion Ratio Lower Upper
45 100
43 54.6 26.4 79.2

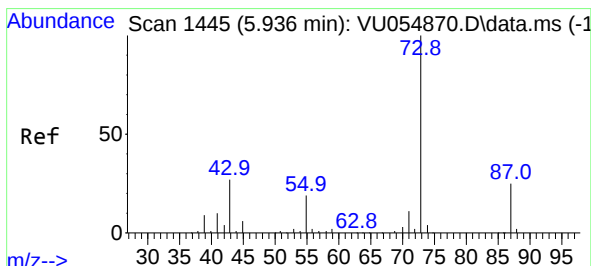
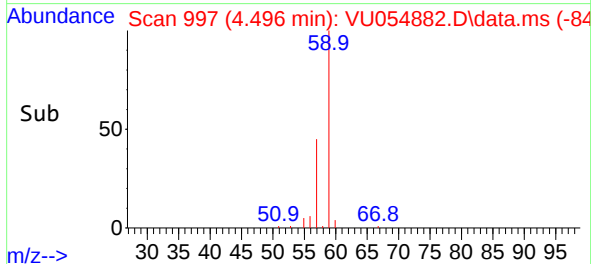
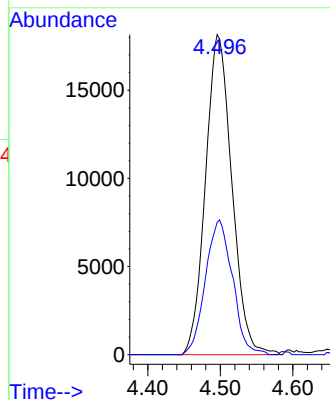
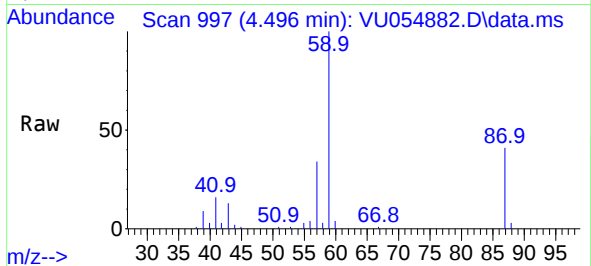




#32
Ethyl-t-butyl ether
Concen: 2.648 ug/l
RT: 4.496 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

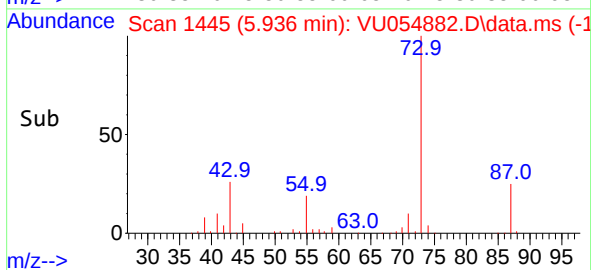
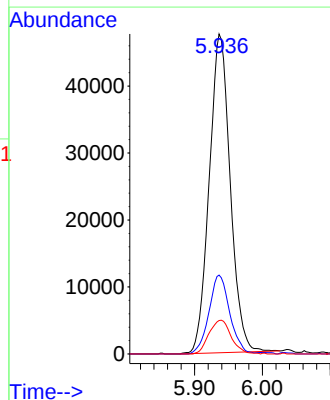
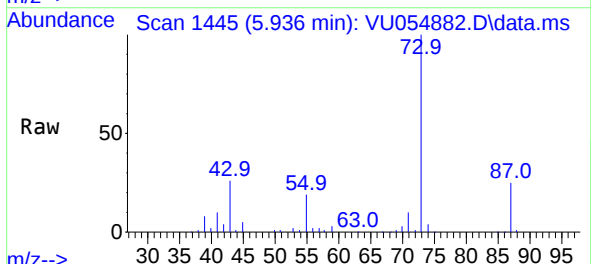
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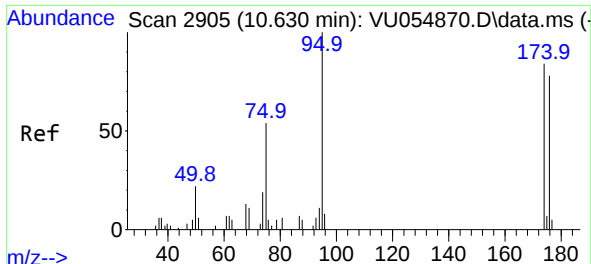
Tgt Ion: 59 Resp: 45942
Ion Ratio Lower Upper
59 100
87 43.1 35.7 53.5



#33
Tert-Amyl methyl ether
Concen: 6.245 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

Tgt Ion: 73 Resp: 102451
Ion Ratio Lower Upper
73 100
87 24.0 19.6 29.4
71 11.2 9.1 13.7

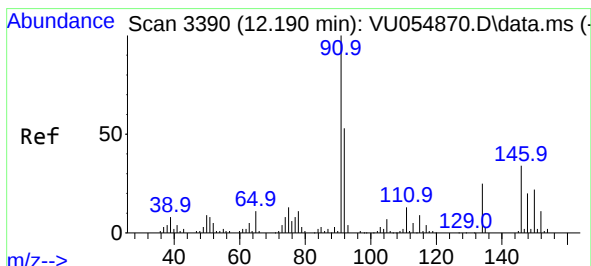
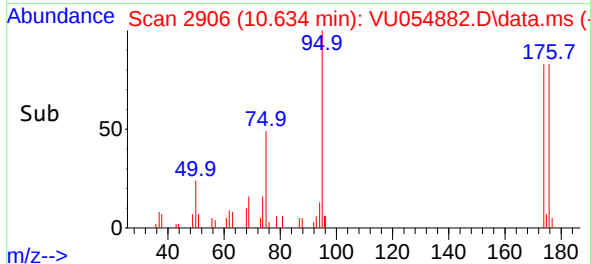
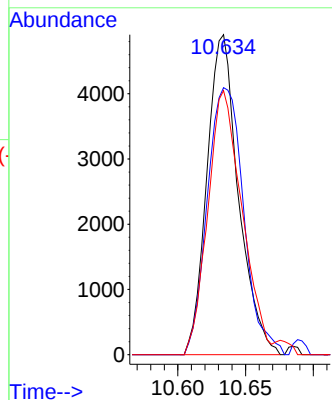
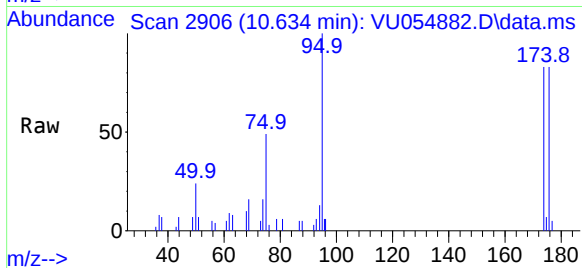




#57
4-Bromofluorobenzene
Concen: 0.966 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

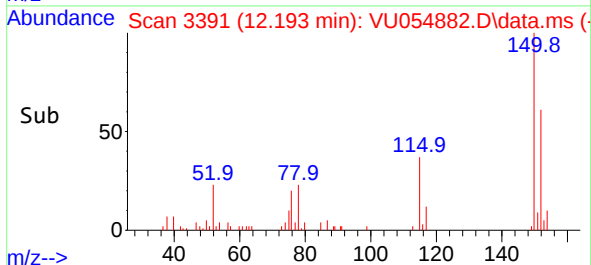
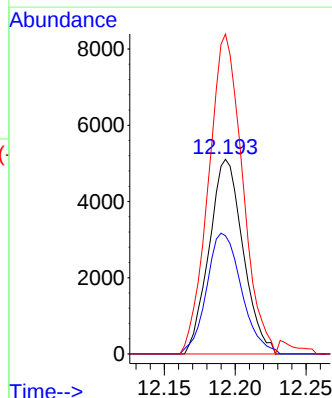
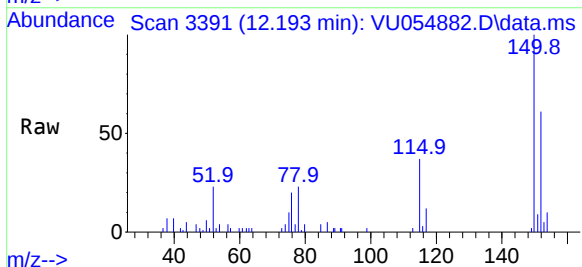
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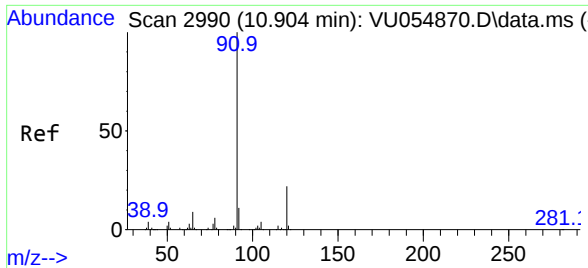
Tgt Ion: 95 Resp: 7953
Ion Ratio Lower Upper
95 100
174 95.8 79.3 118.9
176 89.4 71.5 107.3



#68
1,2-Dichlorobenzene-d4
Concen: 0.912 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054882.D
Acq: 26 Jul 2023 17:43

Tgt Ion:152 Resp: 8488
Ion Ratio Lower Upper
152 100
115 63.8 0.0 234.8
150 164.7 0.0 598.2





#73
 n-propylbenzene
 Concen: 6.370 ug/l
 RT: 10.904 min Scan# 2990
 Delta R.T. 0.000 min
 Lab File: VU054882.D
 Acq: 26 Jul 2023 17:43

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Tgt Ion	Ratio	Lower	Upper
120	100		
91	443.6	361.8	542.6

