

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054881.D
 Acq On : 26 Jul 2023 17:19
 Operator : MD/SY
 Sample : 03587-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Jul 28 03:23:02 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)

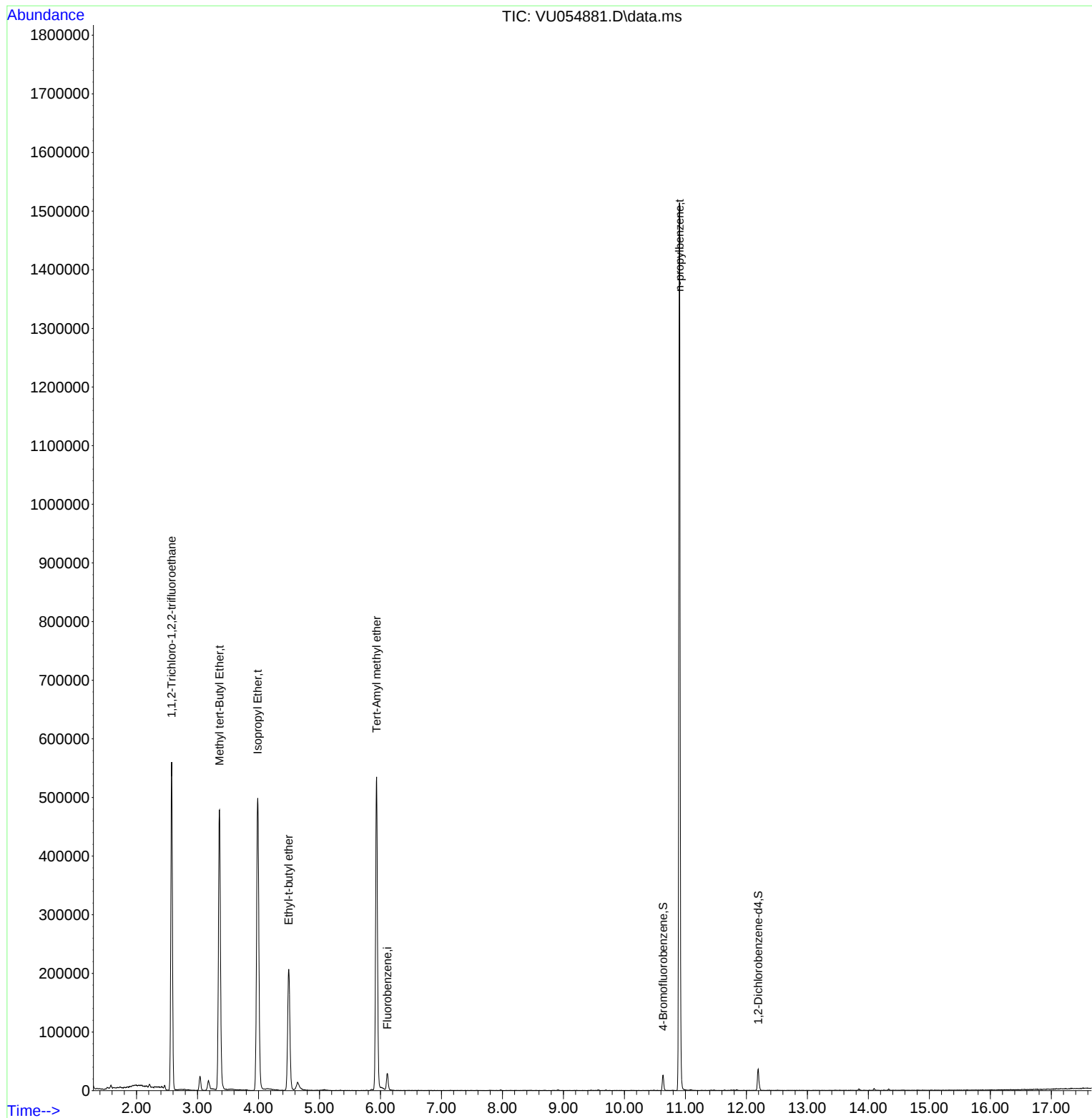
Internal Standards						
1) Fluorobenzene	6.113	96	26640	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	7773	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9704	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	215761	37.237	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	579287	40.702	ug/l	97
31) Isopropyl Ether	3.988	45	498118	30.135	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	219578	12.901	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	476599	29.618	ug/l	100
73) n-propylbenzene	10.904	120	267378	31.113	ug/l	97

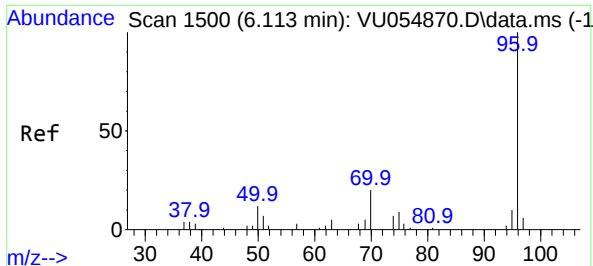
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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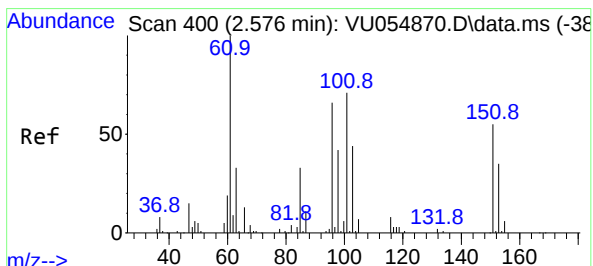
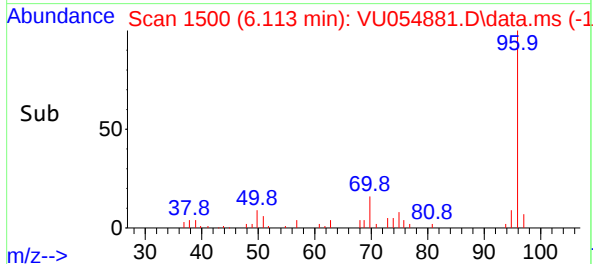
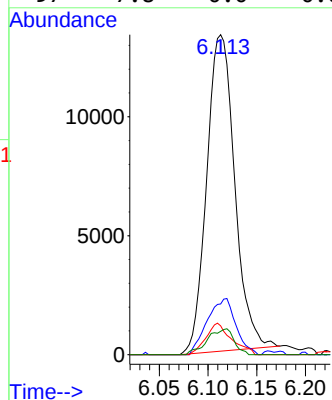
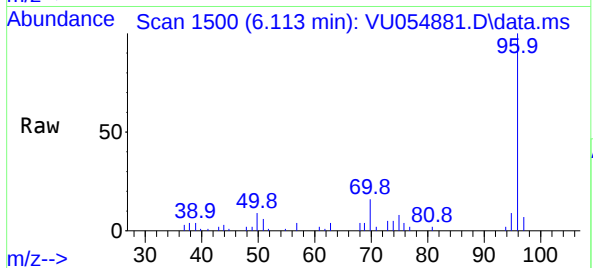




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

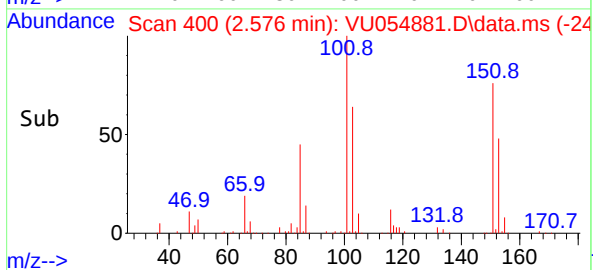
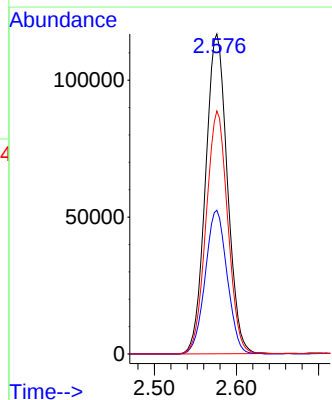
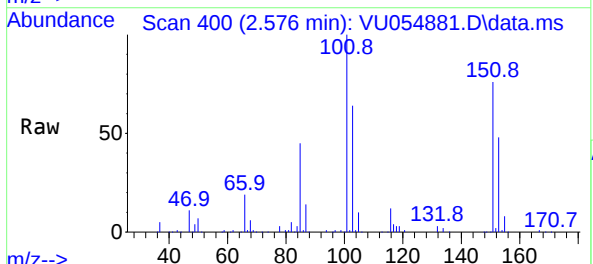
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

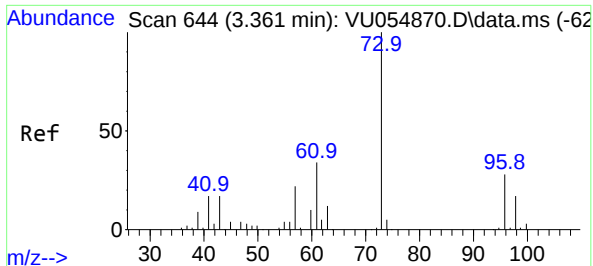
Tgt Ion:	96	Resp:	26640
Ion	Ratio	Lower	Upper
96	100		
70	18.1	14.0	21.0
95	9.1	8.7	13.1
97	7.8	0.0	0.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 37.237 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

Tgt Ion:	101	Resp:	215761
Ion	Ratio	Lower	Upper
101	100		
85	45.2	34.8	52.2
151	75.3	60.5	90.7

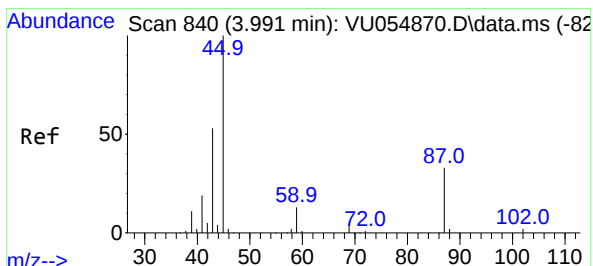
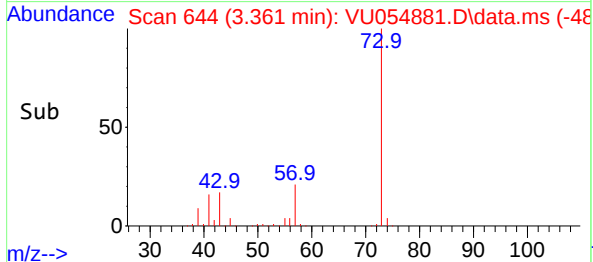
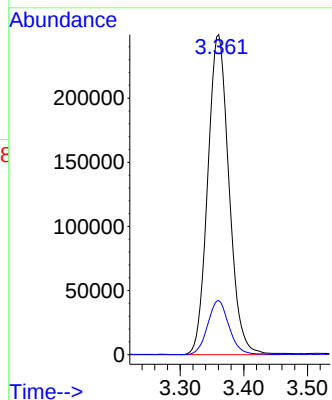
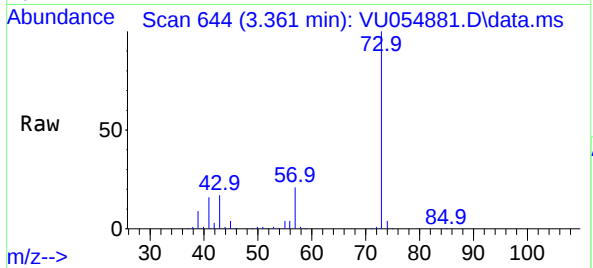




#25
Methyl tert-Butyl Ether
Concen: 40.702 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

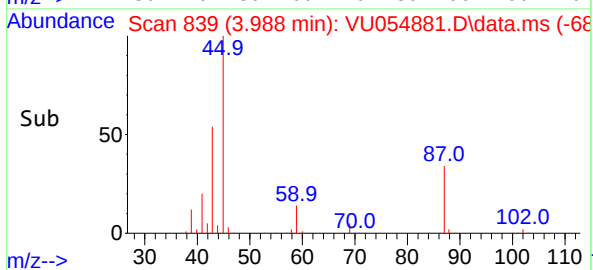
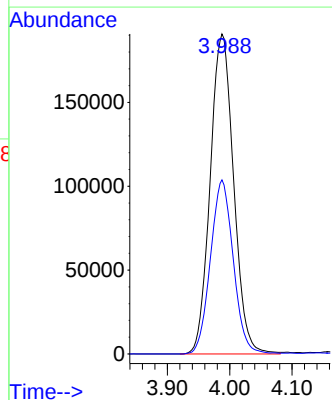
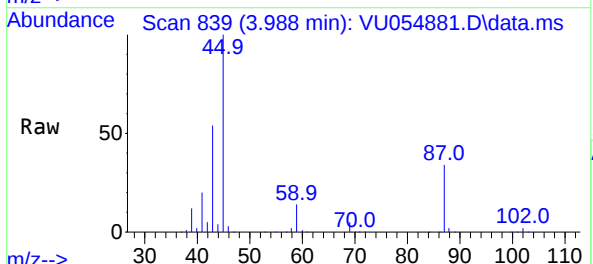
Instrument :
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ClientSampleId :
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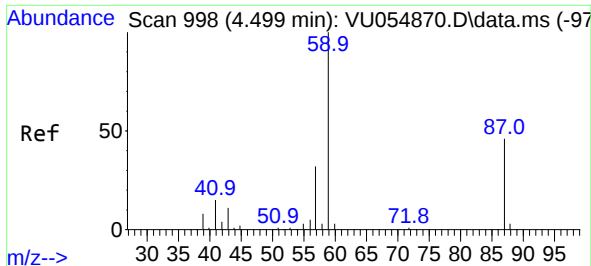
Tgt Ion: 73 Resp: 579287
Ion Ratio Lower Upper
73 100
43 16.9 14.6 22.0



#31
Isopropyl Ether
Concen: 30.135 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

Tgt Ion: 45 Resp: 498118
Ion Ratio Lower Upper
45 100
43 53.0 26.4 79.2

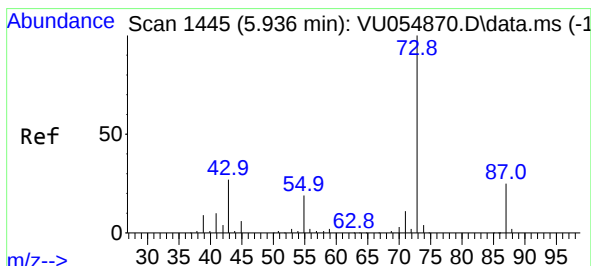
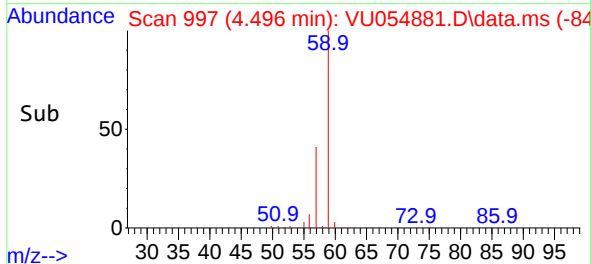
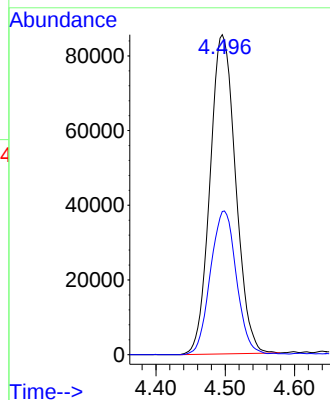
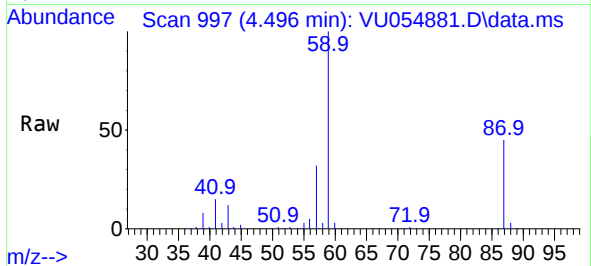




#32
Ethyl-t-butyl ether
Concen: 12.901 ug/l
RT: 4.496 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

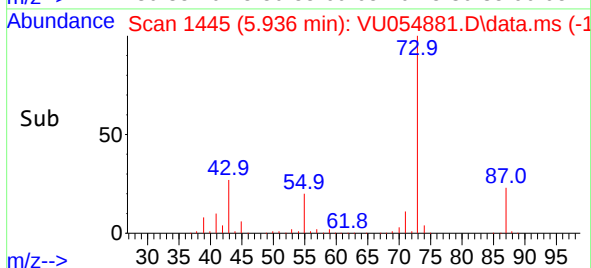
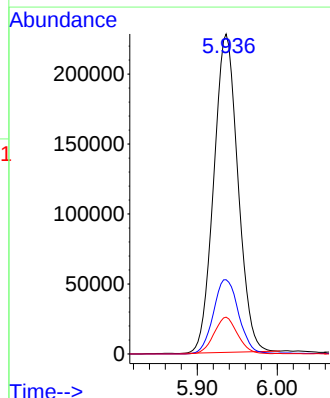
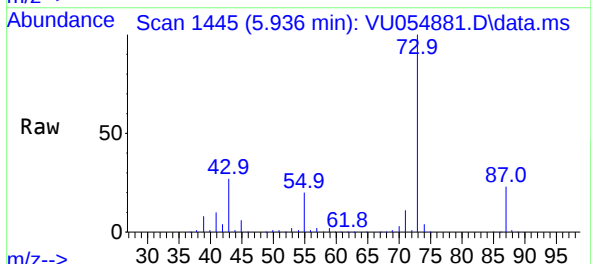
Instrument :
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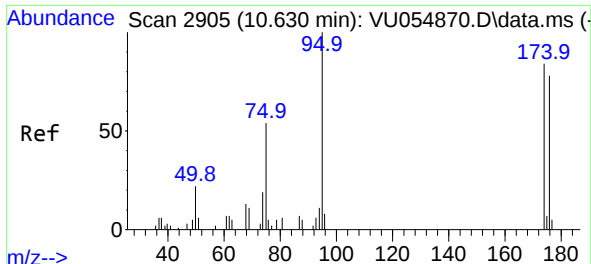
Tgt Ion: 59 Resp: 219578
Ion Ratio Lower Upper
59 100
87 45.1 35.7 53.5



#33
Tert-Amyl methyl ether
Concen: 29.618 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

Tgt Ion: 73 Resp: 476599
Ion Ratio Lower Upper
73 100
87 24.2 19.6 29.4
71 11.2 9.1 13.7

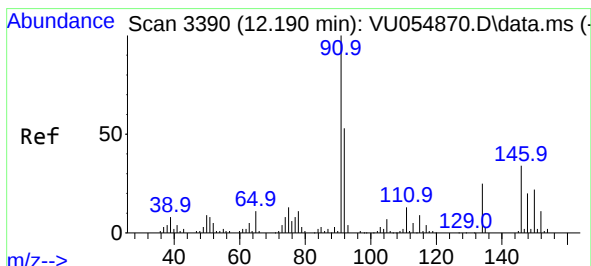
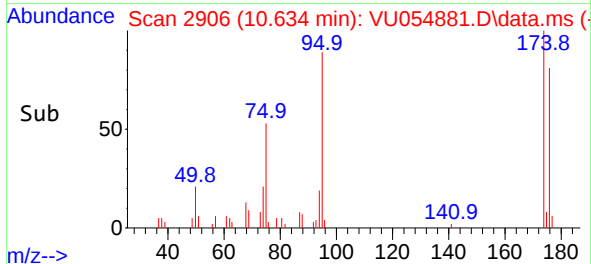
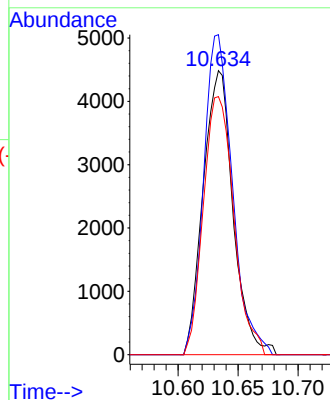
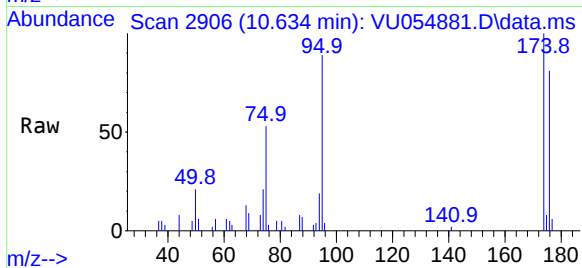




#57
4-Bromofluorobenzene
Concen: 0.962 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

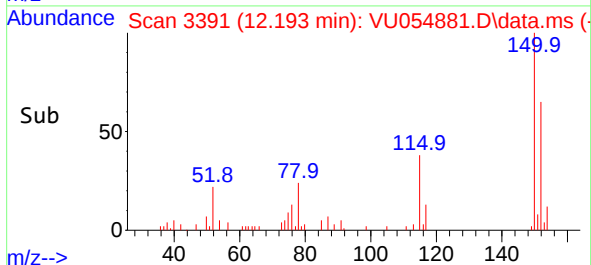
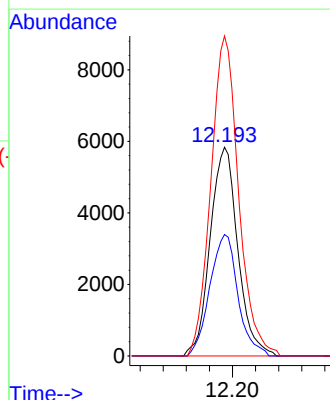
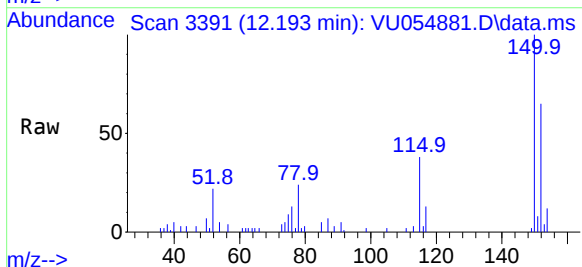
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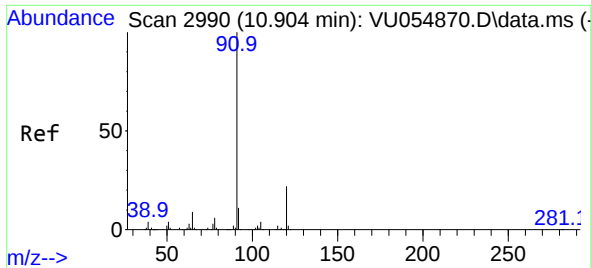
Tgt Ion: 95 Resp: 7773
Ion Ratio Lower Upper
95 100
174 108.2 79.3 118.9
176 92.4 71.5 107.3



#68
1,2-Dichlorobenzene-d4
Concen: 1.063 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054881.D
Acq: 26 Jul 2023 17:19

Tgt Ion:152 Resp: 9704
Ion Ratio Lower Upper
152 100
115 59.0 0.0 234.8
150 153.7 0.0 598.2





#73
 n-propylbenzene
 Concen: 31.113 ug/l
 RT: 10.904 min Scan# 2990
 Delta R.T. -0.000 min
 Lab File: VU054881.D
 Acq: 26 Jul 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:120 Resp: 267378
 Ion Ratio Lower Upper
 120 100
 91 444.8 361.8 542.6

