

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054897.D
 Acq On : 27 Jul 2023 16:28
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 28 05:46:04 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)

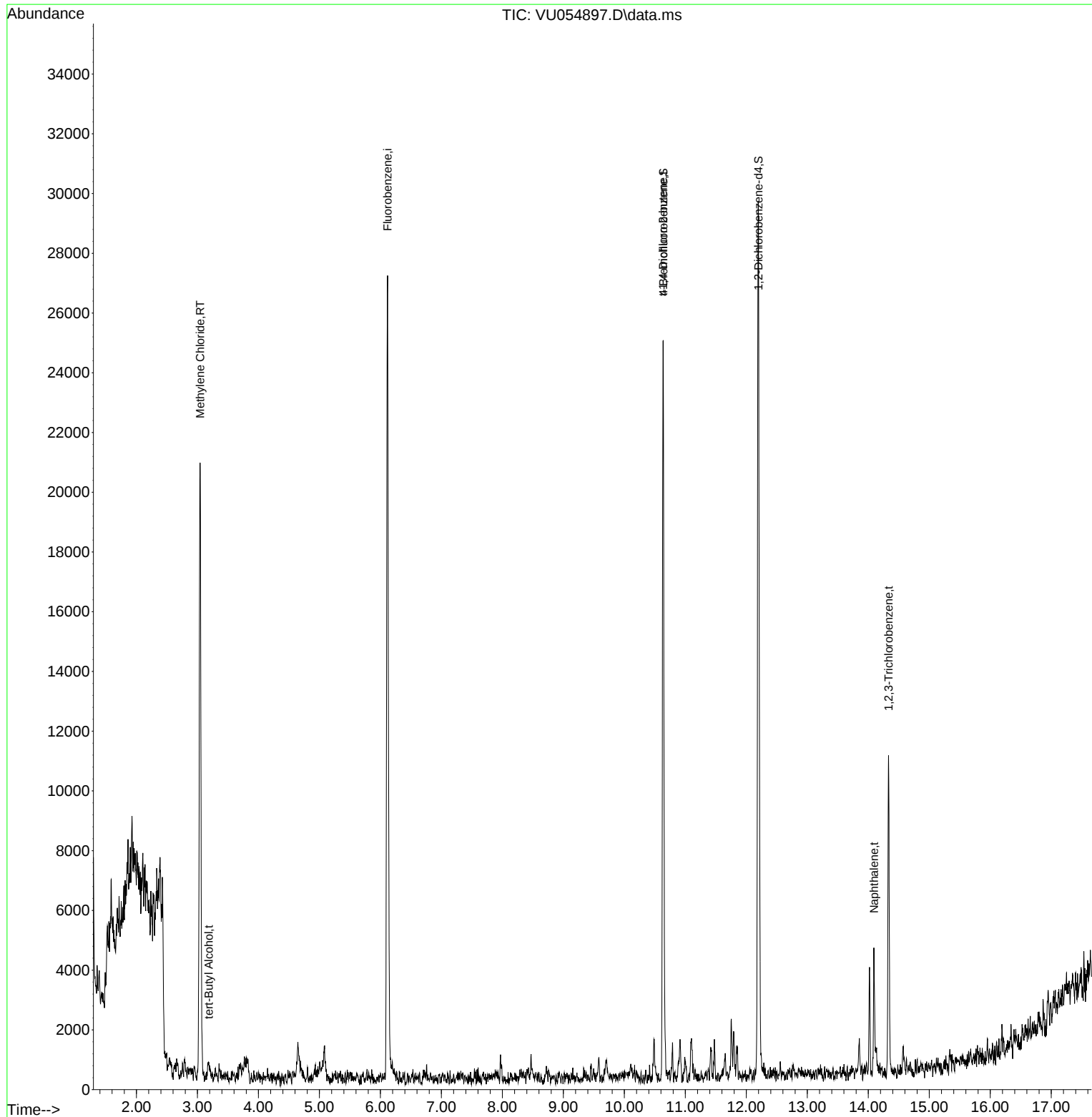
Internal Standards						
1) Fluorobenzene	6.116	96	25566	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.637	95	7595	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.196	152	8198	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
15) Methylene Chloride	3.043	84	10001	1.733	ug/l	95
24) tert-Butyl Alcohol	3.184	59	217	0.358	ug/l #	92
46) t-1,4-Dichloro-2-butene	10.634	75	4412	3.074	ug/l #	21
89) Naphthalene	14.094	128	3940	0.285	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.331	180	3645	0.460	ug/l	98

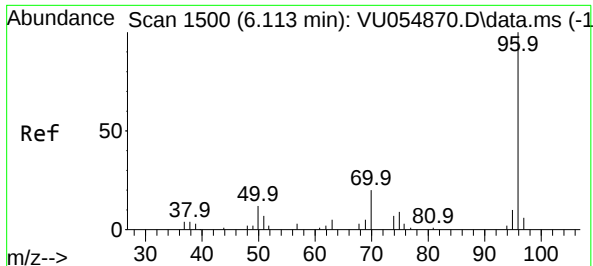
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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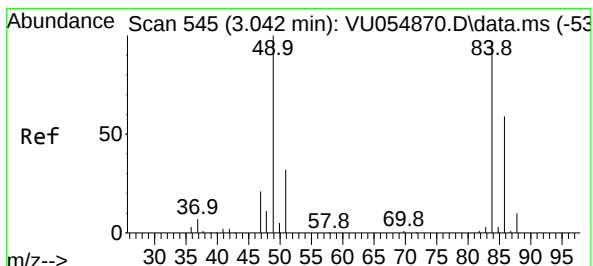
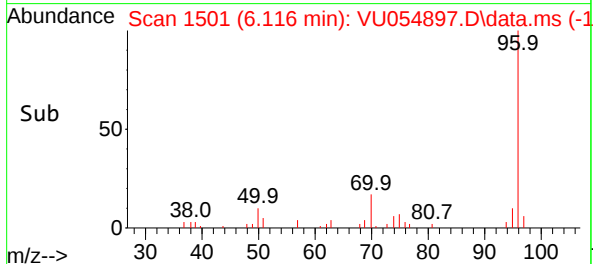
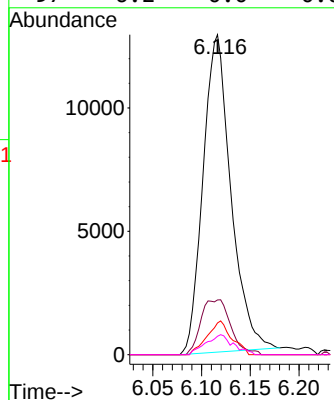
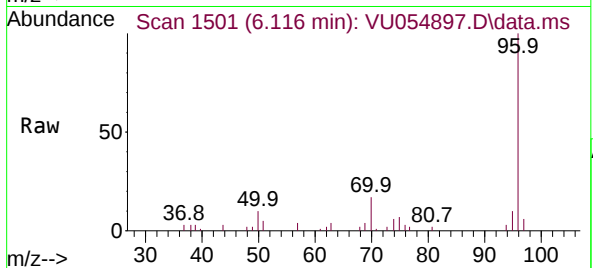




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.116 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054897.D
Acq: 27 Jul 2023 16:28

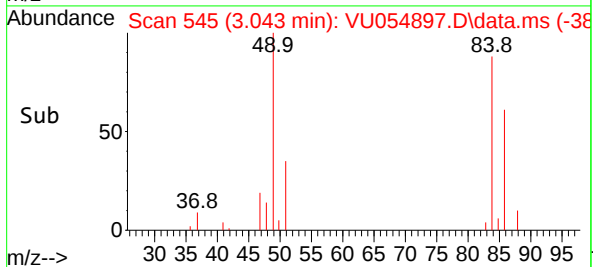
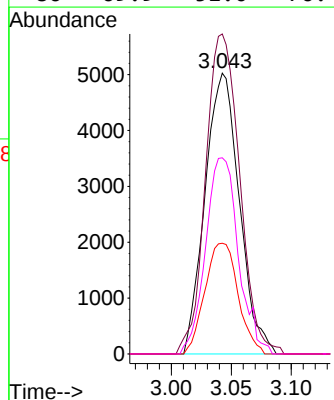
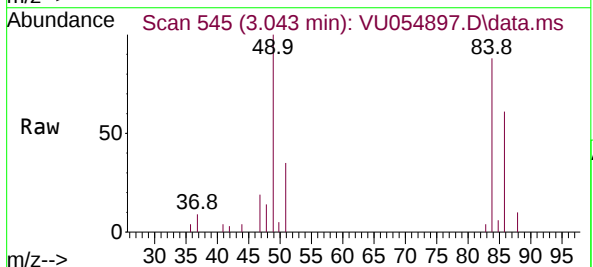
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MSVOA_U
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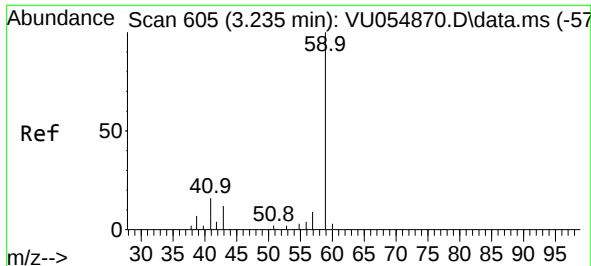
Tgt Ion: 96	Resp: 25566
Ion Ratio	Lower Upper
96 100	
70 18.5	14.0 21.0
95 9.3	8.7 13.1
97 6.2	0.0 0.0



#15
Methylene Chloride
Concen: 1.733 ug/l
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054897.D
Acq: 27 Jul 2023 16:28

Tgt Ion: 84	Resp: 10001
Ion Ratio	Lower Upper
84 100	
49 111.7	87.8 131.6
51 39.4	0.0 68.2
86 69.9	51.0 76.4

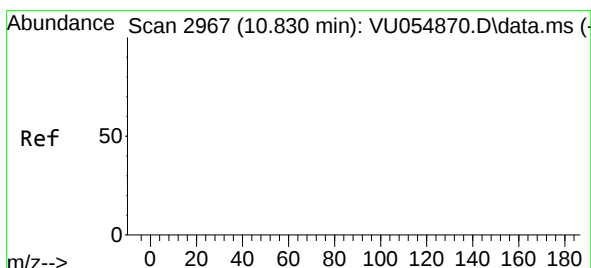
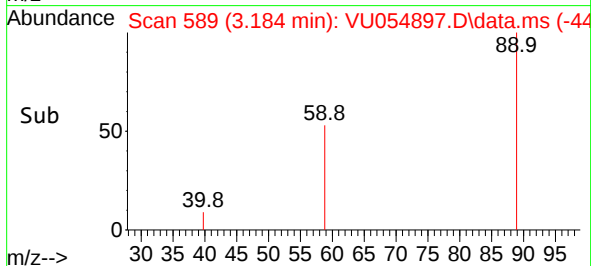
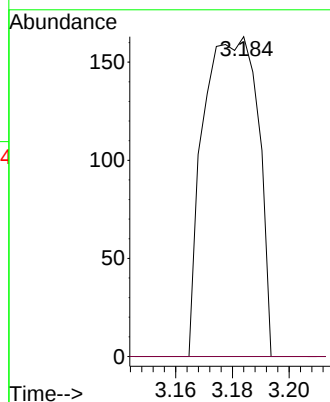
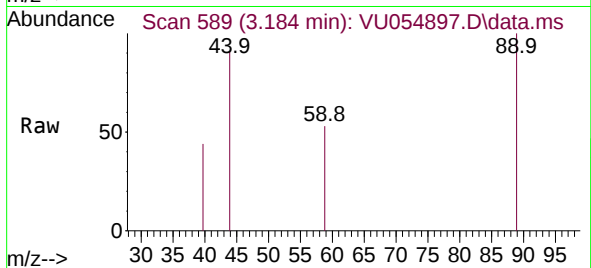




#24
 tert-Butyl Alcohol
 Concen: 0.358 ug/l
 RT: 3.184 min Scan# 51
 Delta R.T. -0.051 min
 Lab File: VU054897.D
 Acq: 27 Jul 2023 16:28

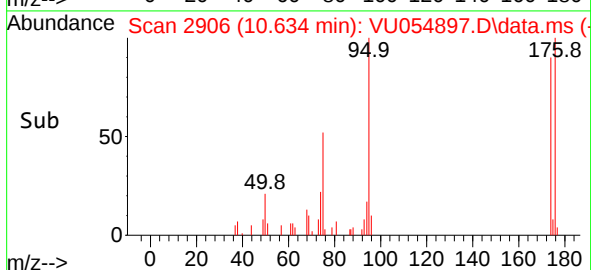
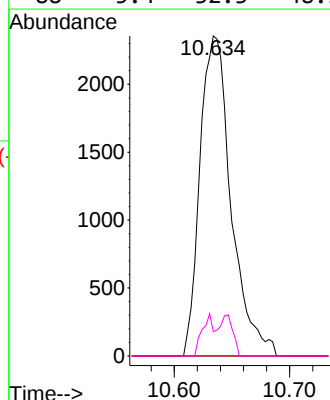
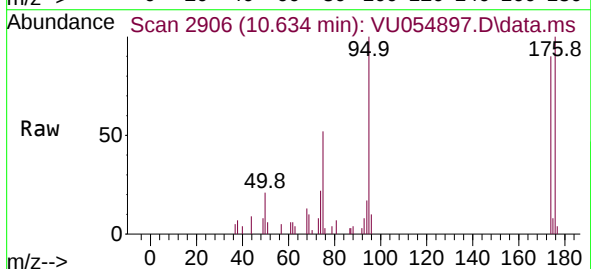
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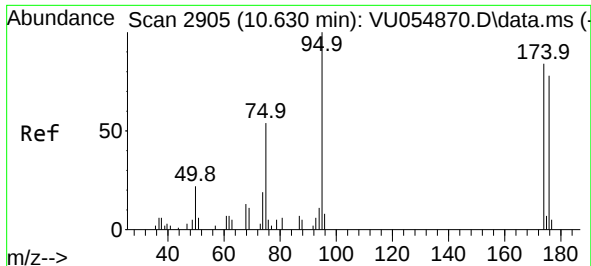
Tgt Ion: 59 Resp: 217
 Ion Ratio Lower Upper
 59 100
 57 0.0 2.2 3.2#



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.074 ug/l
 RT: 10.634 min Scan# 2906
 Delta R.T. -0.196 min
 Lab File: VU054897.D
 Acq: 27 Jul 2023 16:28

Tgt Ion: 75 Resp: 4412
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.9 94.3#
 89 0.0 47.8 71.8#
 88 5.4 32.3 48.5#

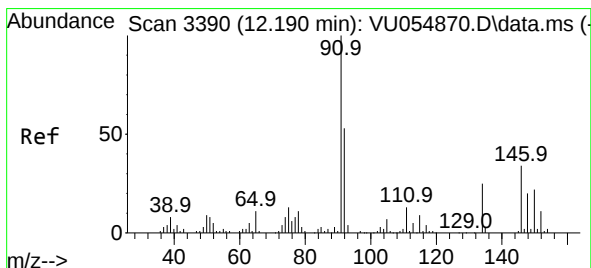
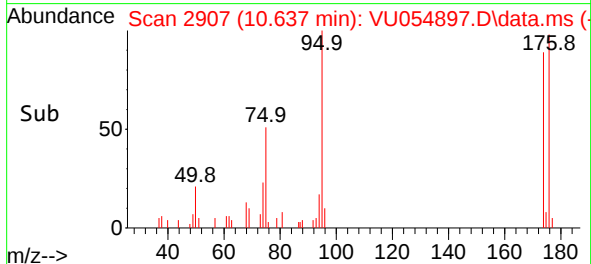
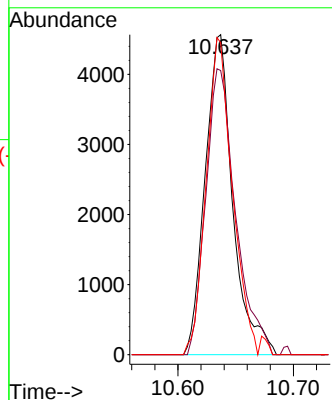
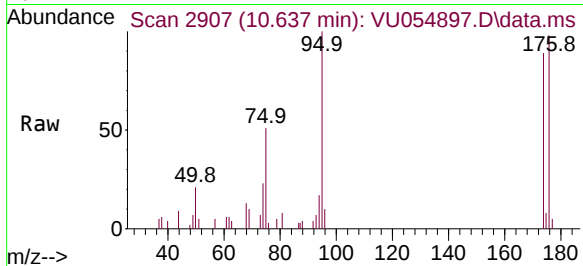




#57
 4-Bromofluorobenzene
 Concen: 0.980 ug/l
 RT: 10.637 min Scan# 2905
 Delta R.T. 0.007 min
 Lab File: VU054897.D
 Acq: 27 Jul 2023 16:28

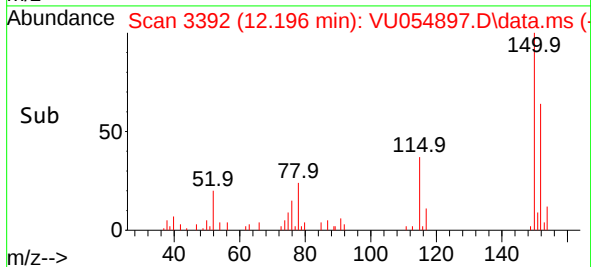
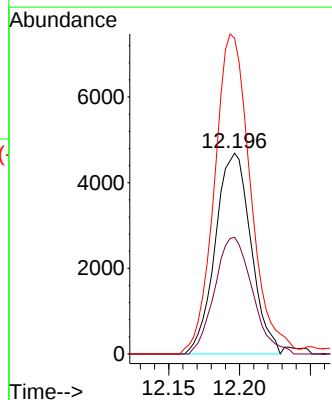
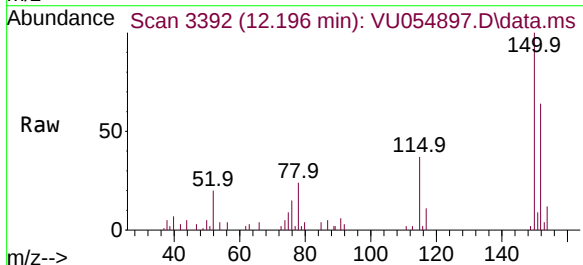
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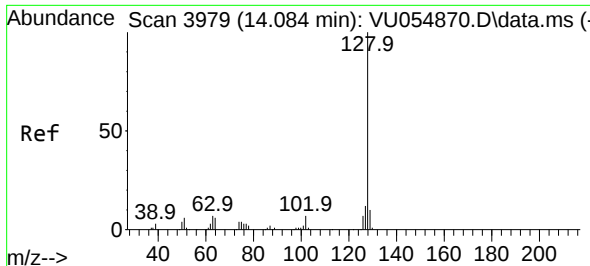
Tgt Ion: 95 Resp: 7595
 Ion Ratio Lower Upper
 95 100
 174 96.2 79.3 118.9
 176 93.8 71.5 107.3



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.936 ug/l
 RT: 12.196 min Scan# 3392
 Delta R.T. 0.007 min
 Lab File: VU054897.D
 Acq: 27 Jul 2023 16:28

Tgt Ion:152 Resp: 8198
 Ion Ratio Lower Upper
 152 100
 115 61.4 0.0 234.8
 150 161.6 0.0 598.2

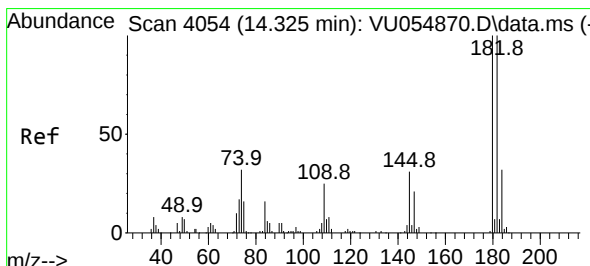
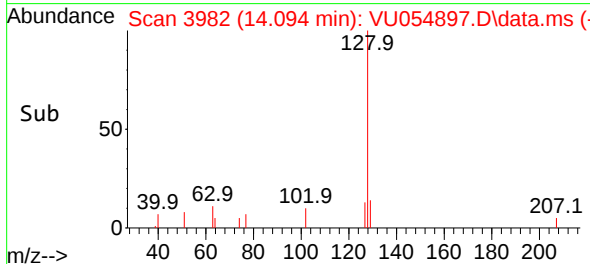
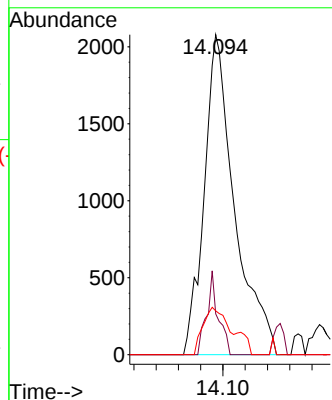
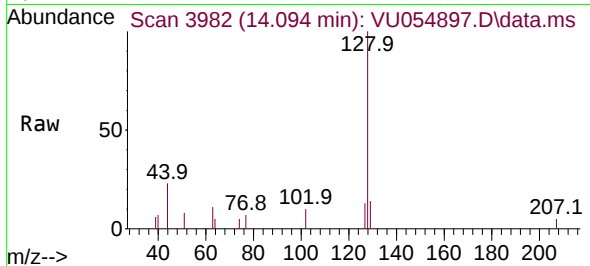




#89
Naphthalene
Concen: 0.285 ug/l
RT: 14.094 min Scan# 3979
Delta R.T. 0.010 min
Lab File: VU054897.D
Acq: 27 Jul 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 3940
Ion Ratio Lower Upper
128 100
127 9.9 10.6 15.8#
129 11.6 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.460 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.007 min
Lab File: VU054897.D
Acq: 27 Jul 2023 16:28

Tgt Ion:180 Resp: 3645
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
145 27.6 24.3 36.5

