

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057825.D
 Acq On : 06 Feb 2024 17:11
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Feb 07 03:02:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

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

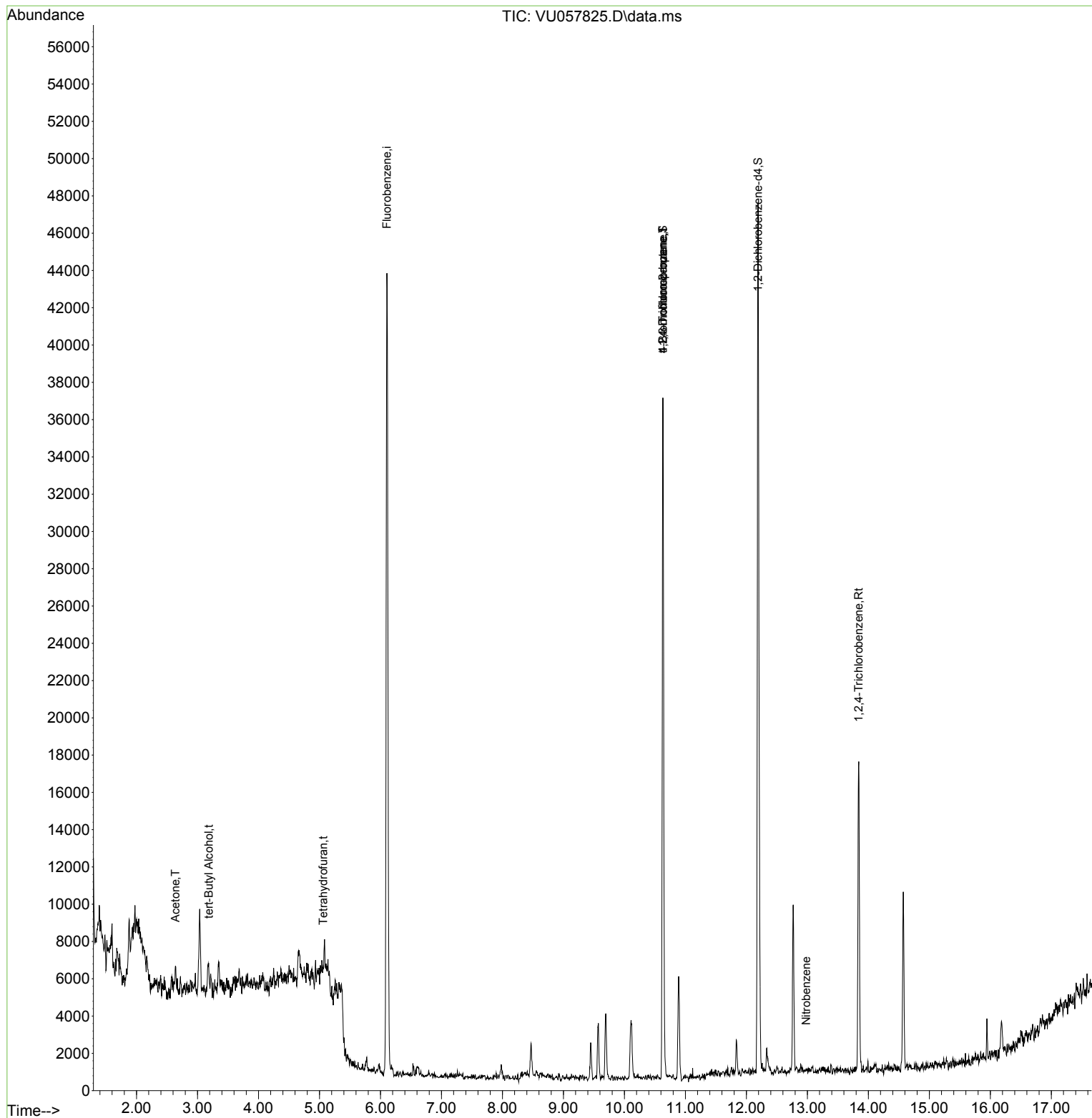
Internal Standards						
1) Fluorobenzene	6.107	96	40602	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13202	0.886	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12004	0.911	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
13) Acetone	2.637	43	895	0.222	ug/l	# 73
24) tert-Butyl Alcohol	3.184	59	615	1.124	ug/l	# 1
41) Tetrahydrofuran	5.062	42	587	0.358	ug/l	# 28
46) t-1,4-Dichloro-2-butene	10.631	75	7525	4.562	ug/l	# 17
71) 1,2,3-Trichloropropane	10.631	75	7525	0.934	ug/l	# 33
80) Nitrobenzene	12.981	77	41	2.193	ug/l	# 40
87) 1,2,4-Trichlorobenzene	13.839	180	5743	0.452	ug/l	96

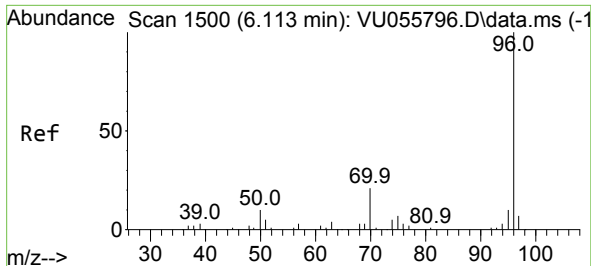
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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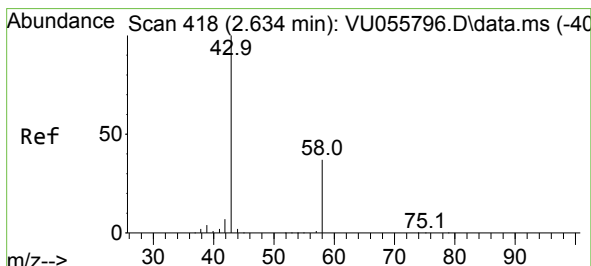
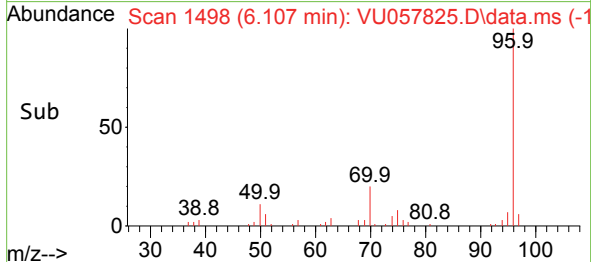
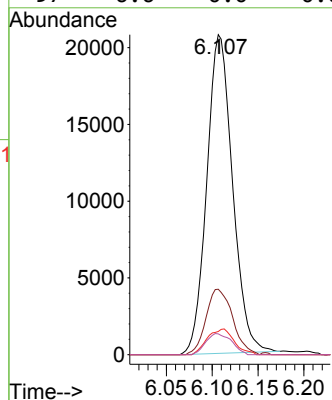
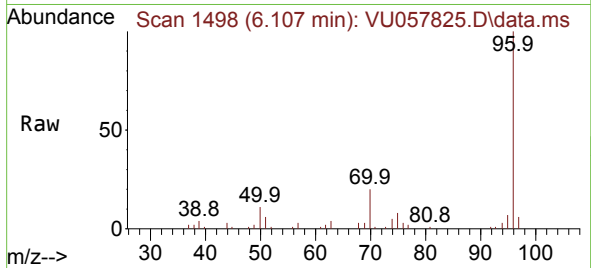




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

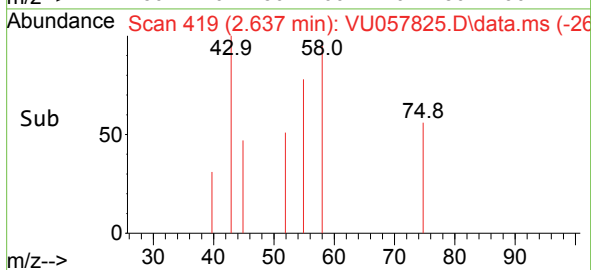
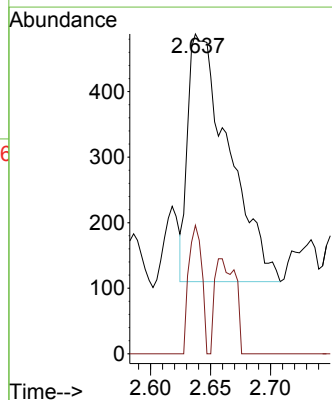
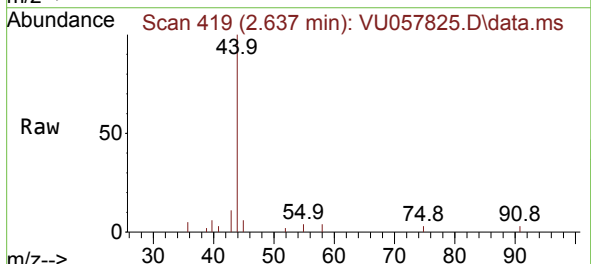
Instrument :
MSVOA_U
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VIBLK

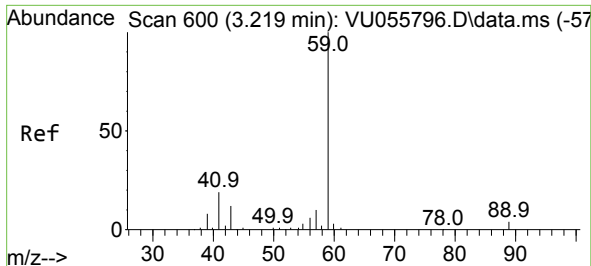
Tgt Ion: 96 Resp: 40602
Ion Ratio Lower Upper
96 100
70 21.2 16.5 24.7
95 8.4 7.4 11.0
97 6.6 0.0 0.0#



#13
Acetone
Concen: 0.222 ug/l
RT: 2.637 min Scan# 419
Delta R.T. 0.007 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 51.9 29.0 43.4#

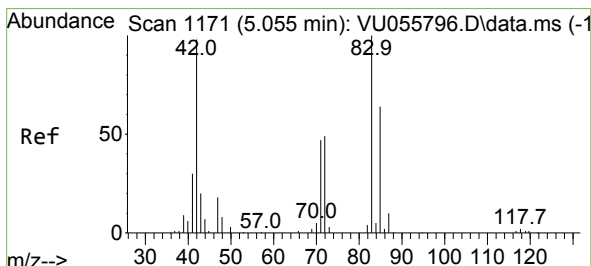
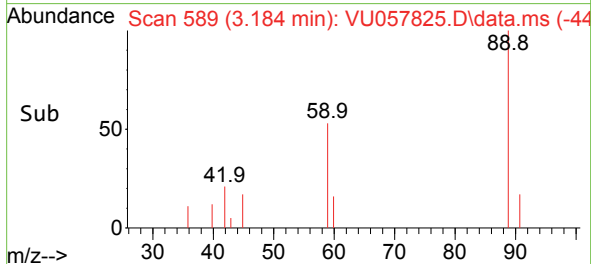
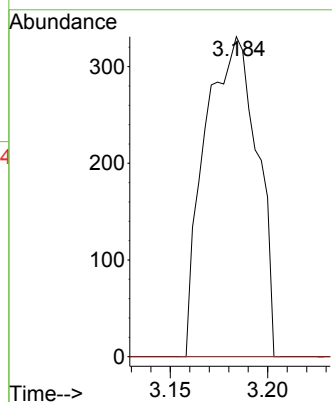
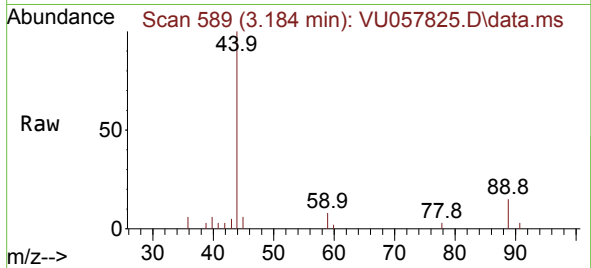




#24
tert-Butyl Alcohol
Concen: 1.124 ug/l
RT: 3.184 min Scan# 51
Delta R.T. -0.048 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

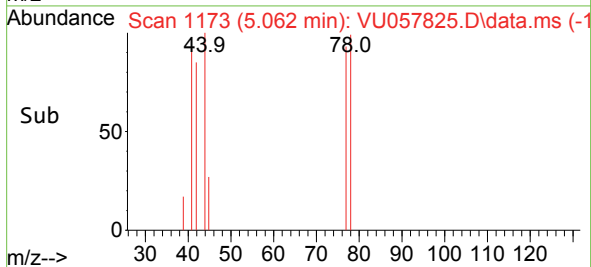
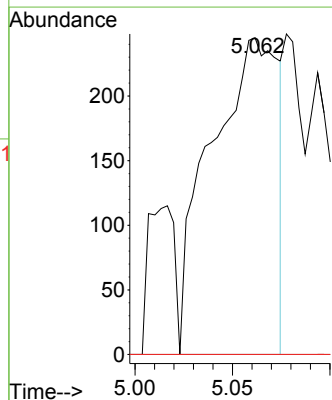
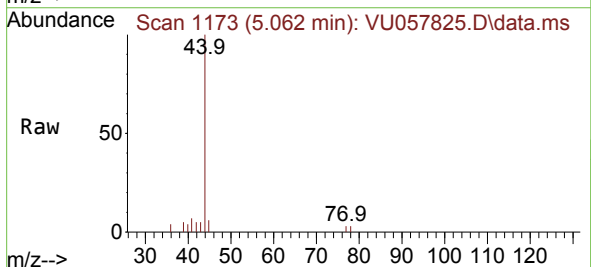
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

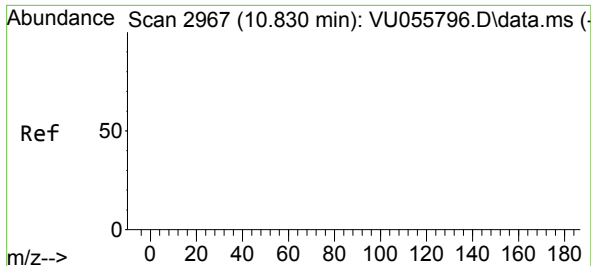
Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 6.5 105.6 158.4#



#41
Tetrahydrofuran
Concen: 0.358 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

Tgt Ion: 42 Resp: 587
Ion Ratio Lower Upper
42 100
72 0.0 40.9 61.3#
71 0.0 36.9 55.3#

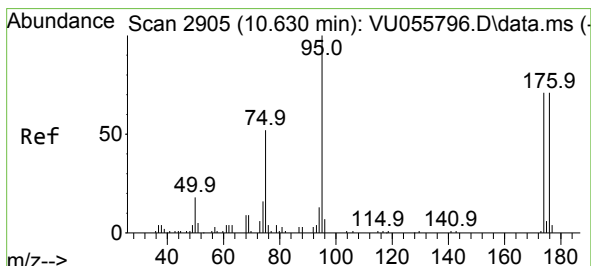
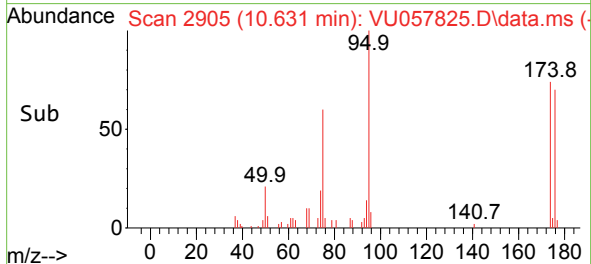
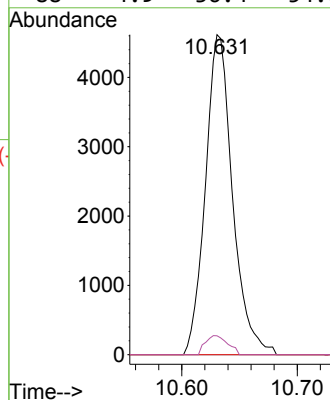
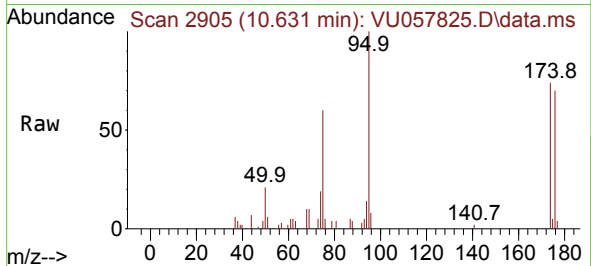




#46
t-1,4-Dichloro-2-butene
Concen: 4.562 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.206 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

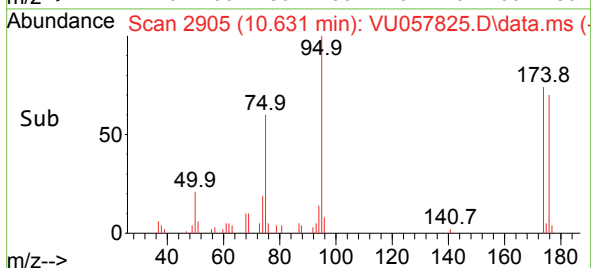
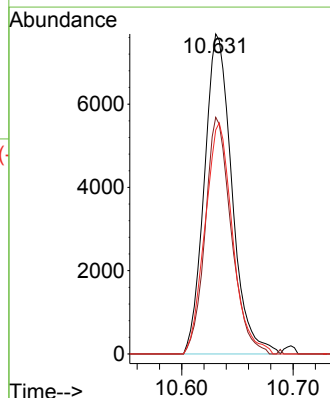
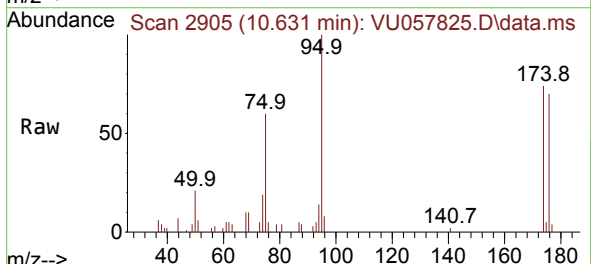
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

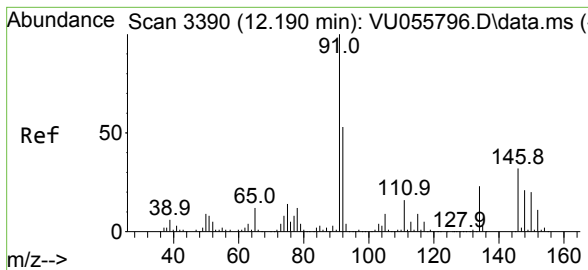
Tgt Ion:	75	Resp:	7525
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.3	109.9#
89	0.0	48.2	72.4#
88	4.9	36.4	54.6#



#57
4-Bromofluorobenzene
Concen: 0.886 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

Tgt Ion:	95	Resp:	13202
Ion	Ratio	Lower	Upper
95	100		
174	70.1	63.3	94.9
176	72.2	59.3	88.9

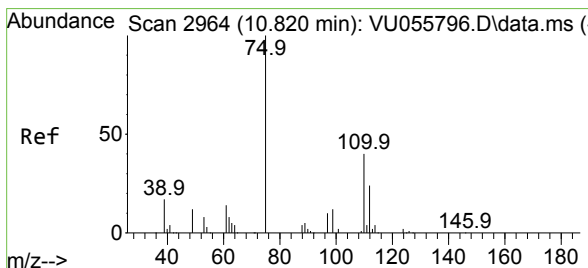
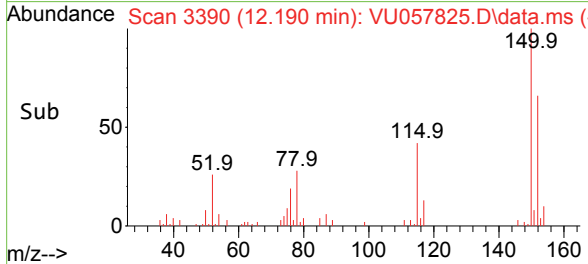
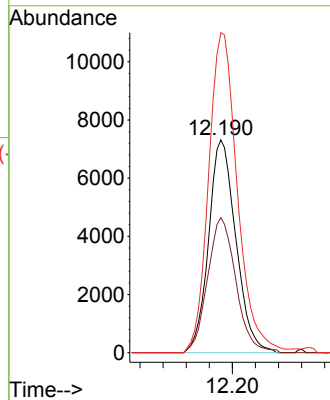
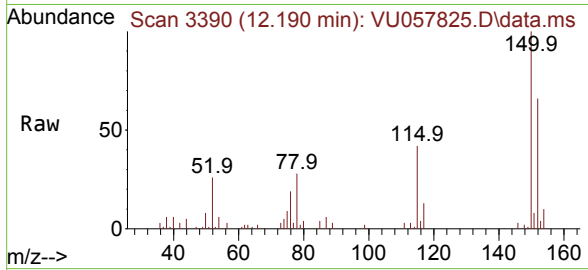




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.911 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057825.D
 Acq: 06 Feb 2024 17:11

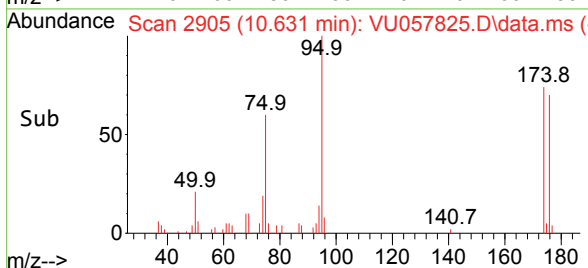
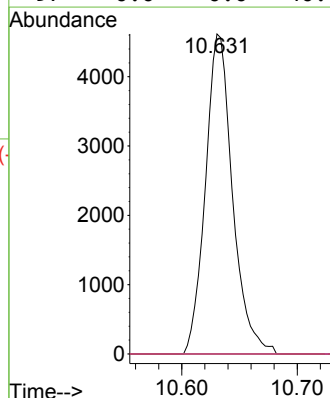
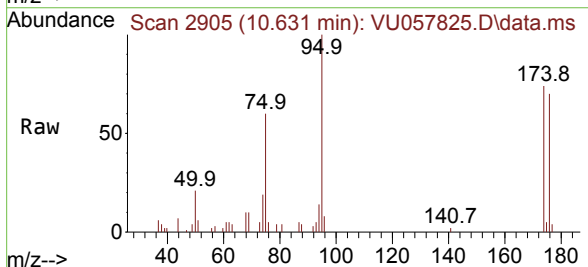
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 MSVOA_U
 ClientSampleId :
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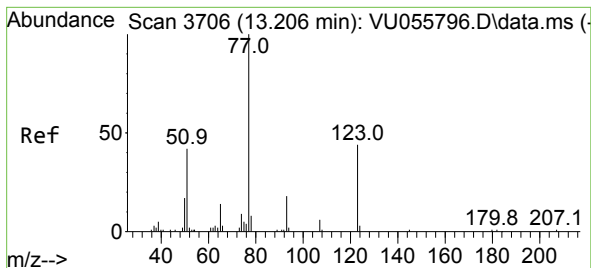
Tgt Ion:152 Resp: 12004
 Ion Ratio Lower Upper
 152 100
 115 65.7 0.0 308.8
 150 158.7 0.0 635.0



#71
 1,2,3-Trichloropropane
 Concen: 0.934 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. -0.202 min
 Lab File: VU057825.D
 Acq: 06 Feb 2024 17:11

Tgt Ion: 75 Resp: 7525
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 116.4
 110 0.0 0.0 74.6
 97 0.0 0.0 40.0

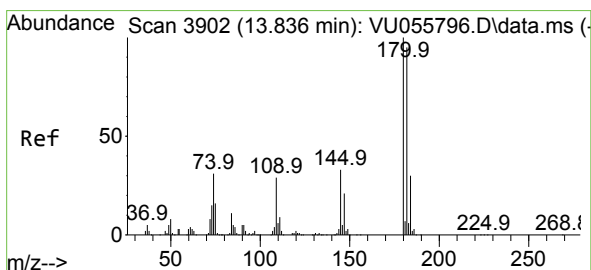
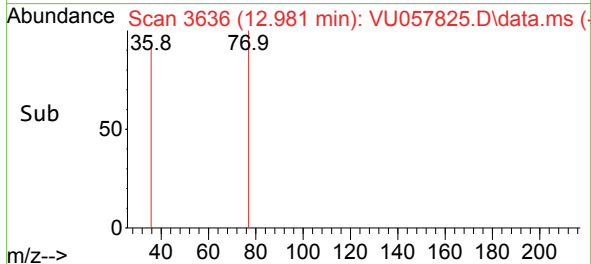
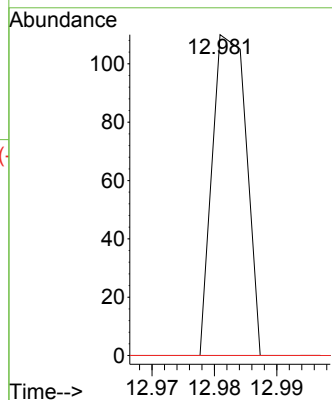
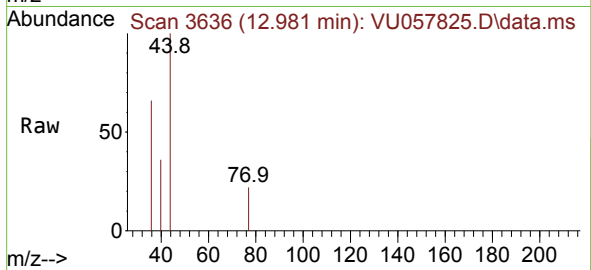




#80
Nitrobenzene
Concen: 2.193 ug/l
RT: 12.981 min Scan# 30
Delta R.T. -0.225 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

Instrument :
MSVOA_U
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Tgt Ion: 77 Resp: 41
Ion Ratio Lower Upper
77 100
123 0.0 19.7 69.7#
65 0.0 11.5 14.7#



#87
1,2,4-Trichlorobenzene
Concen: 0.452 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU057825.D
Acq: 06 Feb 2024 17:11

Tgt Ion:180 Resp: 5743
Ion Ratio Lower Upper
180 100
182 91.0 75.8 113.6
145 33.5 23.9 35.9

