

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057808.D
 Acq On : 05 Feb 2024 15:40
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Feb 06 03:18:56 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)

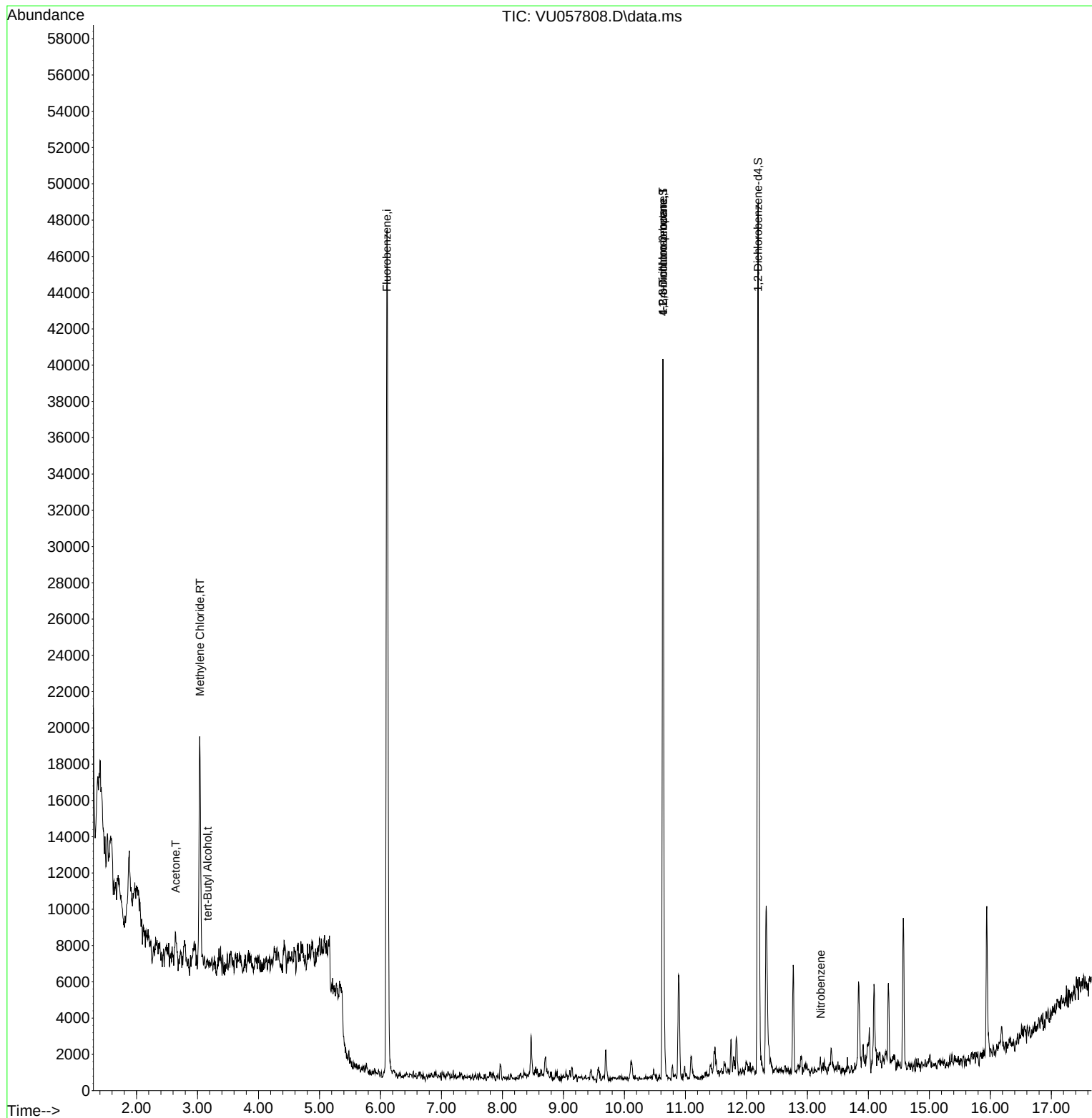
Internal Standards						
1) Fluorobenzene	6.107	96	44161	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14733	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12876	0.898	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
13) Acetone	2.644	43	1543	0.351	ug/l #	79
15) Methylene Chloride	3.039	84	5747	0.421	ug/l	97
24) tert-Butyl Alcohol	3.168	59	138	0.232	ug/l #	13
46) t-1,4-Dichloro-2-butene	10.630	75	7872	4.387	ug/l #	17
71) 1,2,3-Trichloropropane	10.630	75	7872	0.898	ug/l #	37
80) Nitrobenzene	13.219	77	298	2.938	ug/l #	40

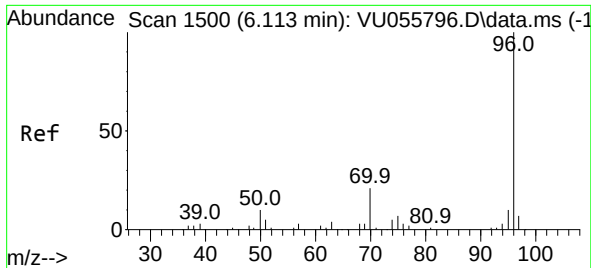
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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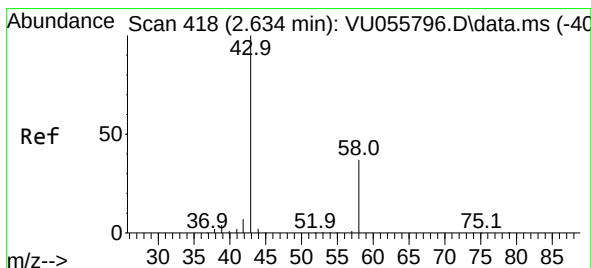
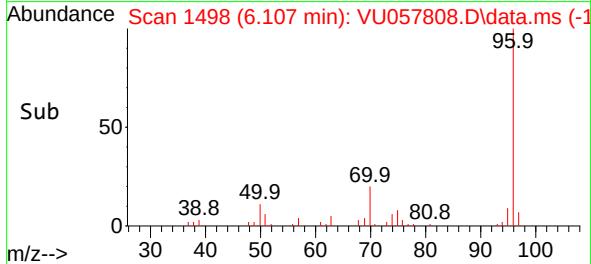
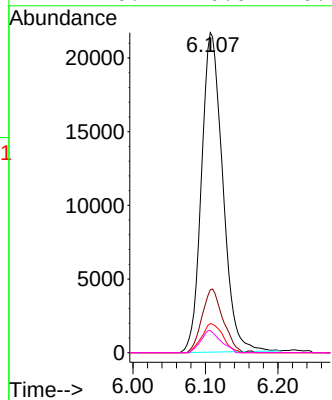
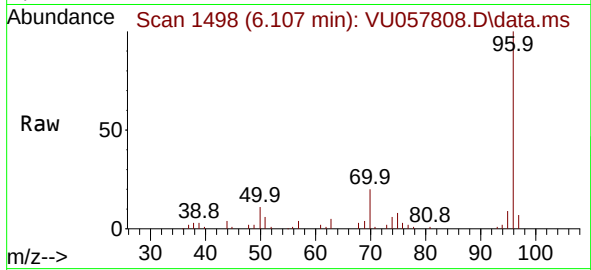




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

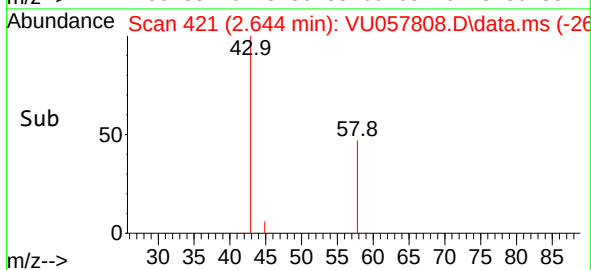
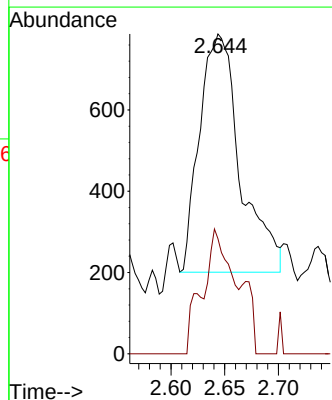
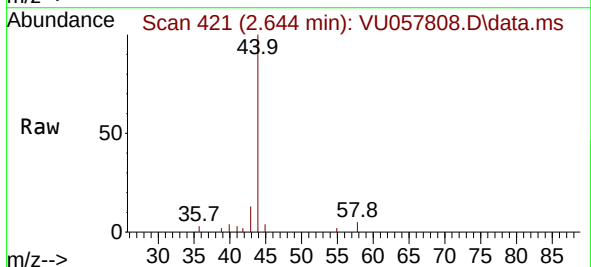
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

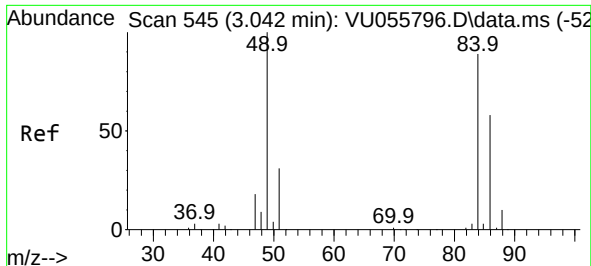
Tgt Ion: 96	Resp: 44161
Ion Ratio	Lower Upper
96 100	
70 19.6	16.5 24.7
95 9.0	7.4 11.0
97 6.4	0.0 0.0



#13
Acetone
Concen: 0.351 ug/l
RT: 2.644 min Scan# 421
Delta R.T. 0.013 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 43	Resp: 1543
Ion Ratio	Lower Upper
43 100	
58 48.3	29.0 43.4



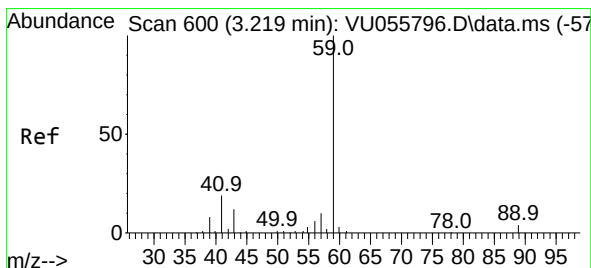
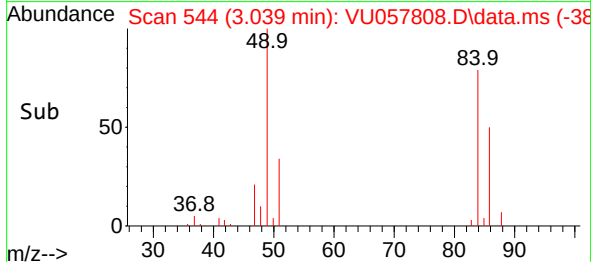
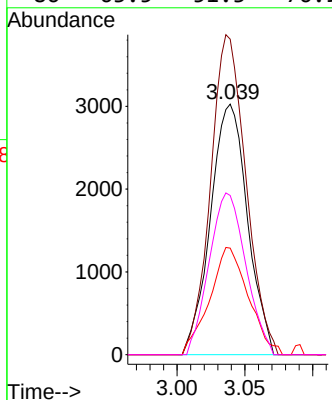
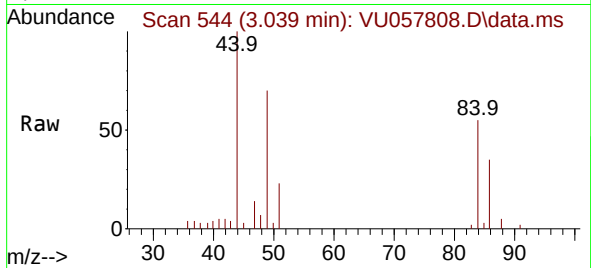


#15
Methylene Chloride
Concen: 0.421 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.013 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 5747

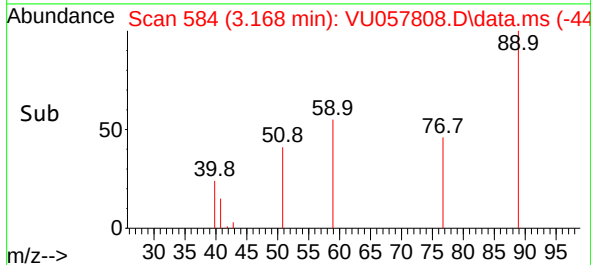
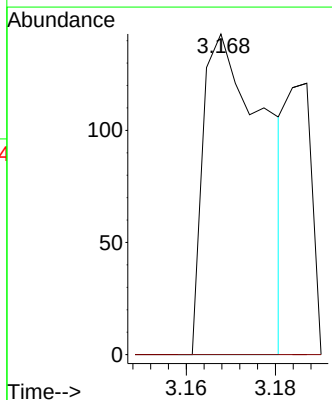
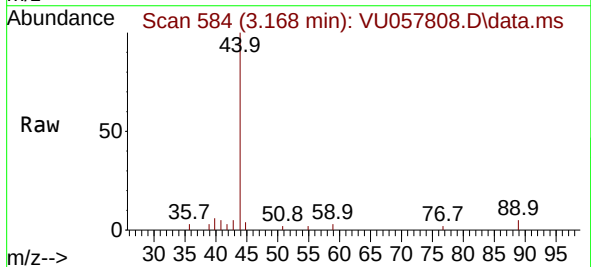
Ion	Ratio	Lower	Upper
84	100		
49	125.9	98.9	148.3
51	42.5	0.0	75.4
86	63.5	51.3	76.9

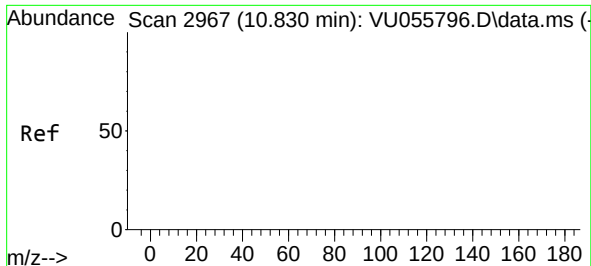


#24
tert-Butyl Alcohol
Concen: 0.232 ug/l
RT: 3.168 min Scan# 584
Delta R.T. -0.064 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 59 Resp: 138

Ion	Ratio	Lower	Upper
59	100		
57	29.7	105.6	158.4#

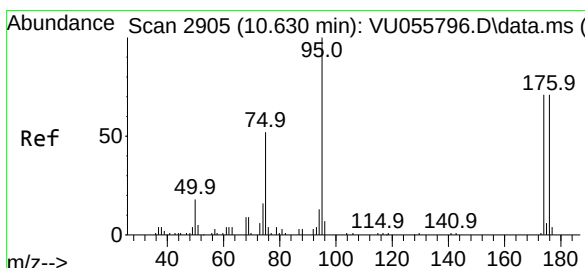
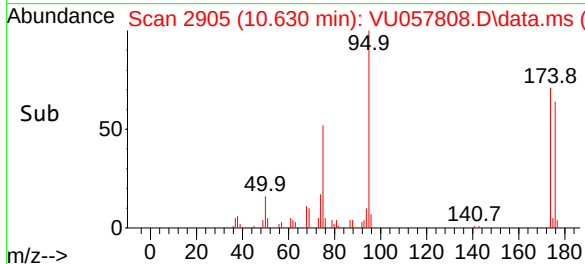
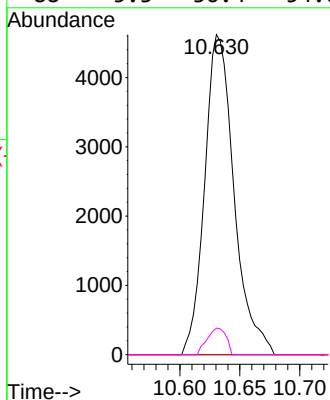
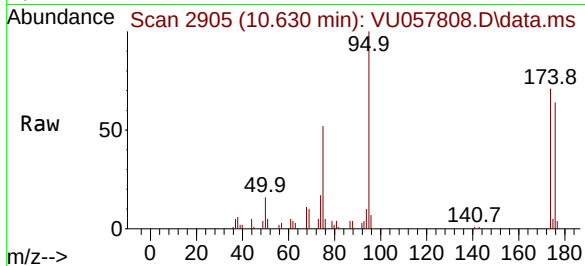




#46
 t-1,4-Dichloro-2-butene
 Concen: 4.387 ug/l
 RT: 10.630 min Scan# 2905
 Delta R.T. -0.206 min
 Lab File: VU057808.D
 Acq: 05 Feb 2024 15:40

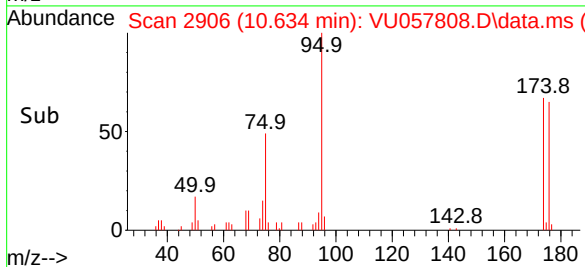
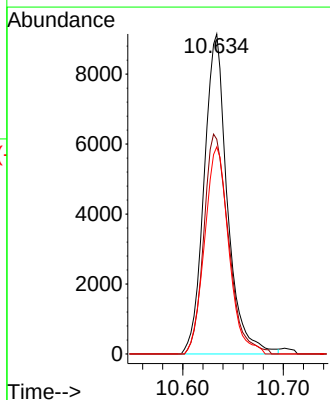
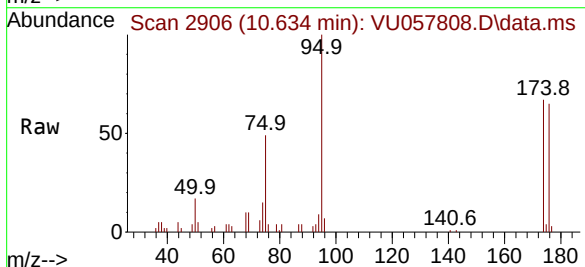
Instrument : MSVOA_U
 ClientSampleId : VIBLK

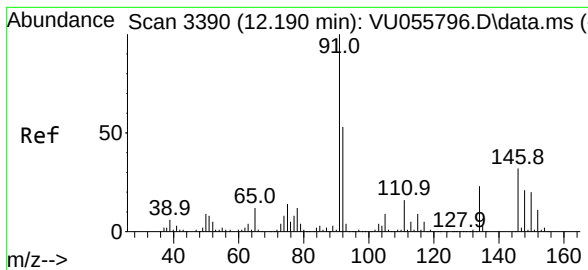
Tgt Ion:	75	Resp:	7872
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.3	109.9#
89	0.0	48.2	72.4#
88	5.3	36.4	54.6#



#57
 4-Bromofluorobenzene
 Concen: 0.909 ug/l
 RT: 10.634 min Scan# 2906
 Delta R.T. 0.003 min
 Lab File: VU057808.D
 Acq: 05 Feb 2024 15:40

Tgt Ion:	95	Resp:	14733
Ion	Ratio	Lower	Upper
95	100		
174	72.7	63.3	94.9
176	67.2	59.3	88.9

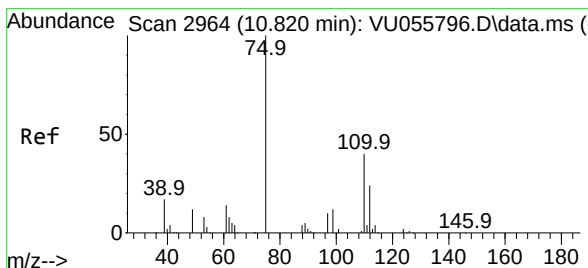
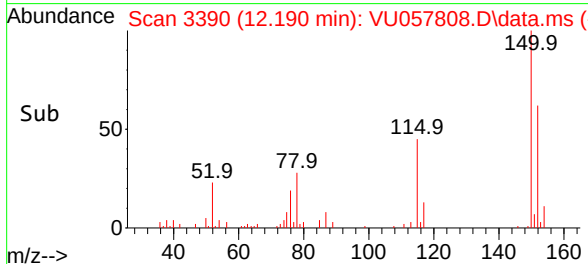
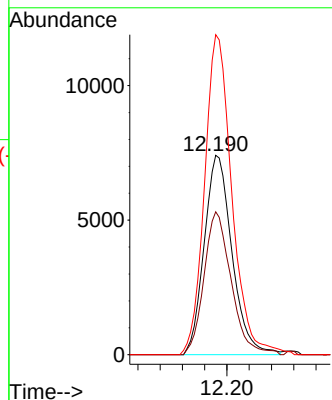
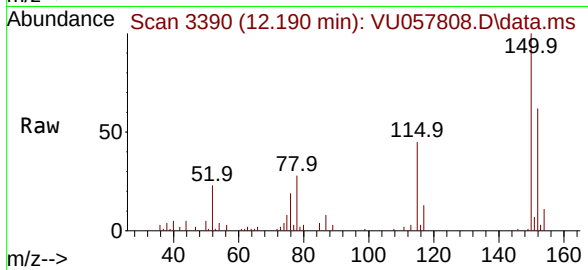




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.898 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057808.D
 Acq: 05 Feb 2024 15:40

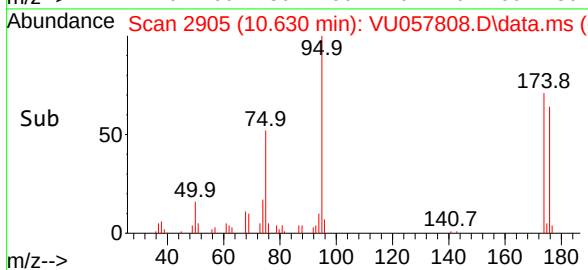
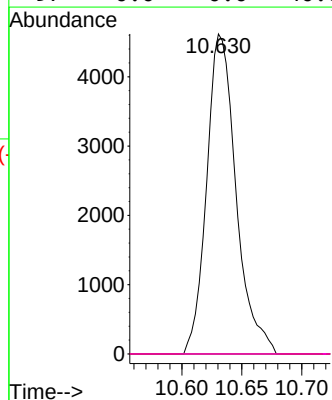
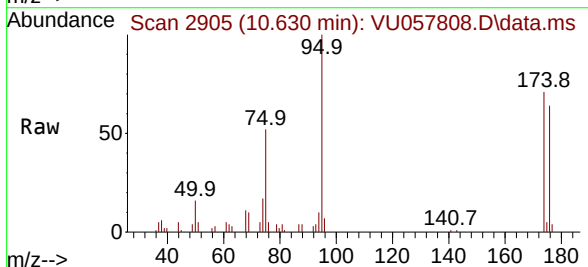
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

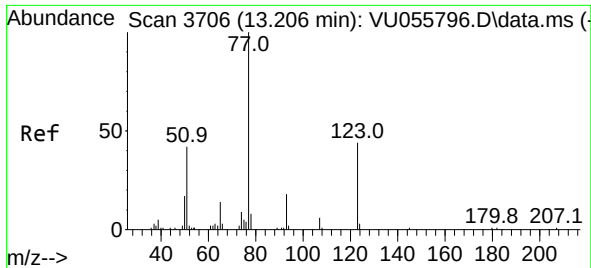
Tgt Ion:152 Resp: 12876
 Ion Ratio Lower Upper
 152 100
 115 69.8 0.0 308.8
 150 157.5 0.0 635.0



#71
 1,2,3-Trichloropropane
 Concen: 0.898 ug/l
 RT: 10.630 min Scan# 2905
 Delta R.T. -0.202 min
 Lab File: VU057808.D
 Acq: 05 Feb 2024 15:40

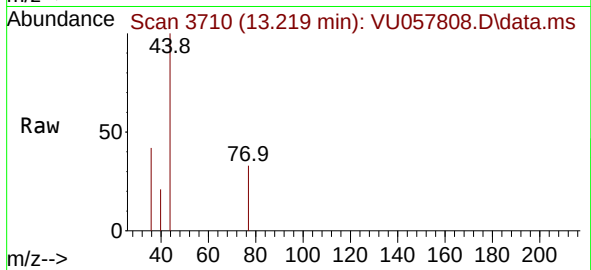
Tgt Ion: 75 Resp: 7872
 Ion Ratio Lower Upper
 75 100
 77 6.2 0.0 116.4
 110 0.0 0.0 74.6
 97 0.0 0.0 40.0





#80
 Nitrobenzene
 Concen: 2.938 ug/l
 RT: 13.219 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VU057808.D
 Acq: 05 Feb 2024 15:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK



Tgt Ion: 77 Resp: 298
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#

