

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052777.D
 Acq On : 23 Jan 2023 15:07
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jan 24 05:19:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

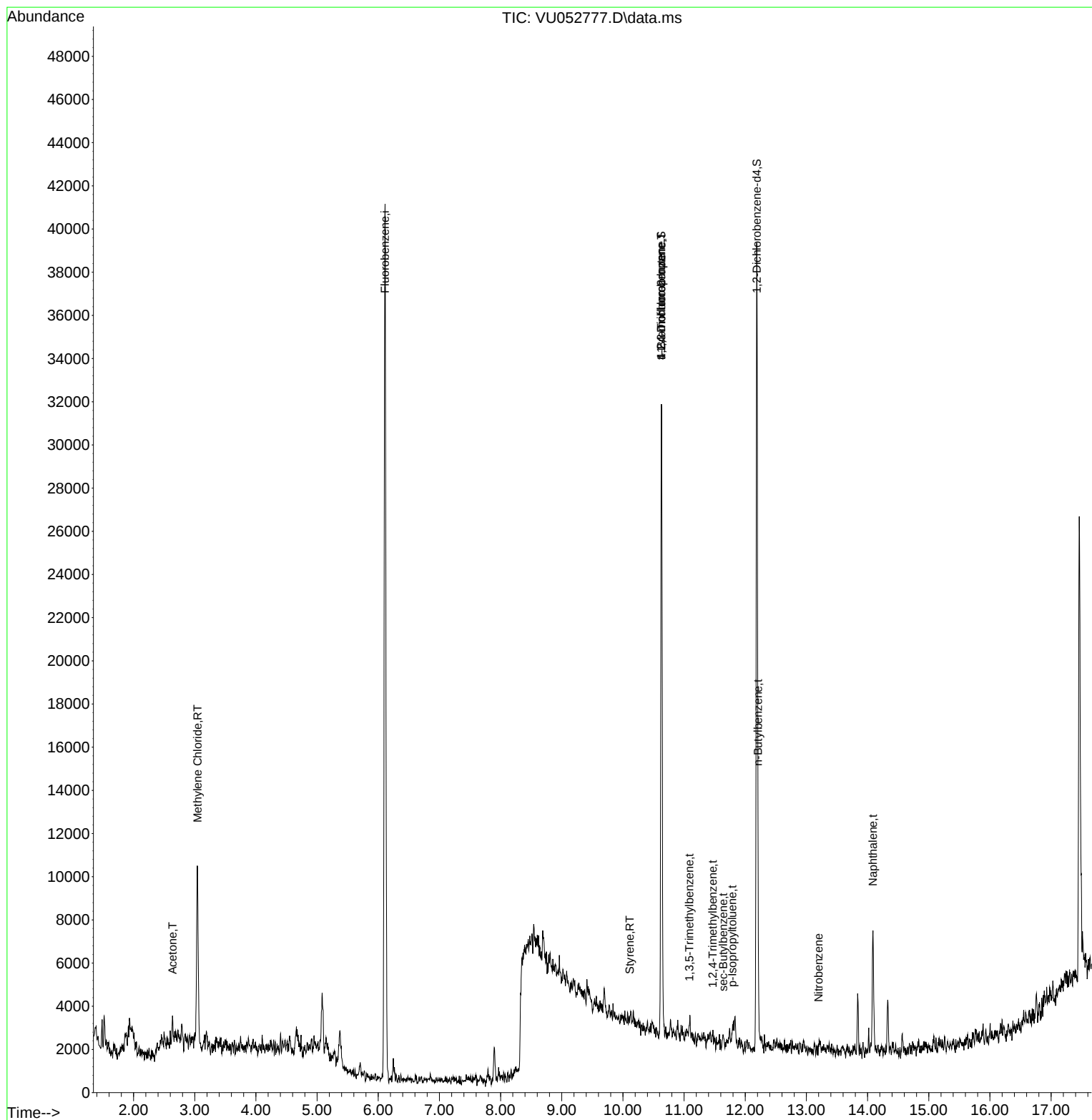
Internal Standards						
1) Fluorobenzene	6.112	96	38748	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10115	0.785	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	10366	0.782	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.639	43	610	0.224	ug/l	92
15) Methylene Chloride	3.044	84	4088	0.374	ug/l	96
46) t-1,4-Dichloro-2-butene	10.629	75	5177	1.779	ug/l #	25
66) Styrene	10.115	104	171	0.426	ug/l #	26
71) 1,2,3-Trichloropropane	10.629	75	5177	0.639	ug/l #	46
75) 1,3,5-Trimethylbenzene	11.086	105	383	0.428	ug/l #	27
78) 1,2,4-Trimethylbenzene	11.468	105	411	0.464	ug/l	84
79) sec-Butylbenzene	11.639	105	586	0.439	ug/l #	71
80) Nitrobenzene	13.201	77	181	0.312	ug/l #	75
81) p-Isopropyltoluene	11.787	119	499	0.494	ug/l #	88
84) n-Butylbenzene	12.208	91	1015	0.576	ug/l #	86
89) Naphthalene	14.089	128	5559	0.227	ug/l #	86

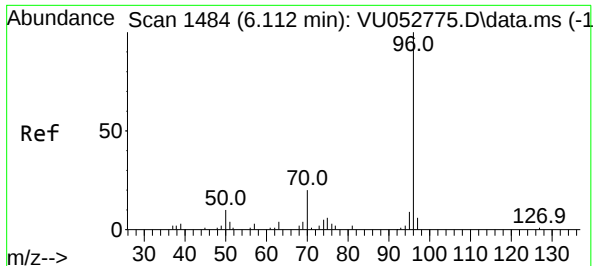
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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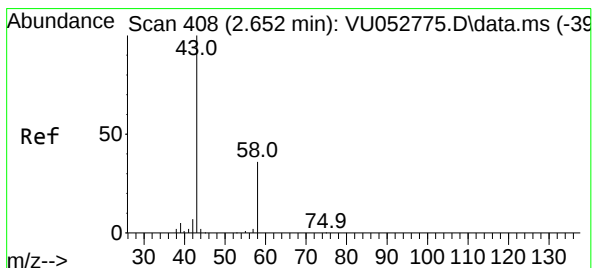
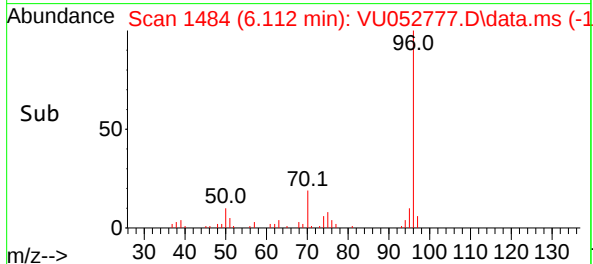
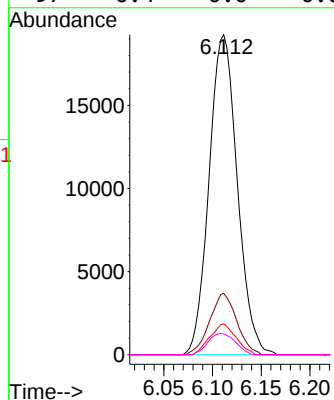
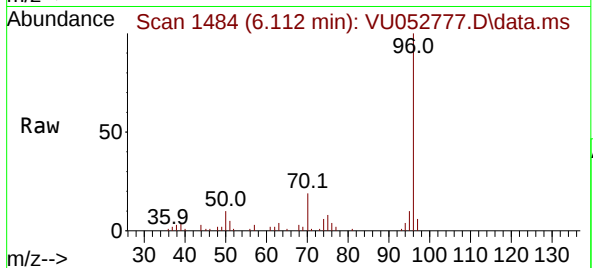




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

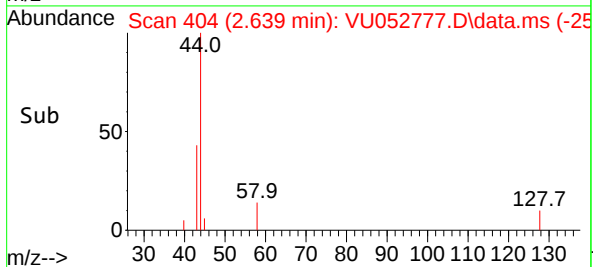
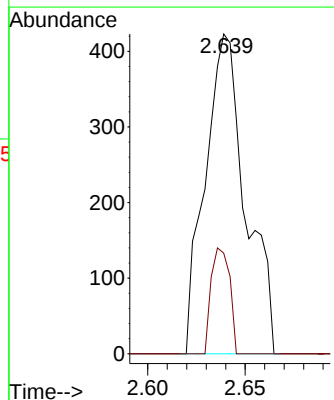
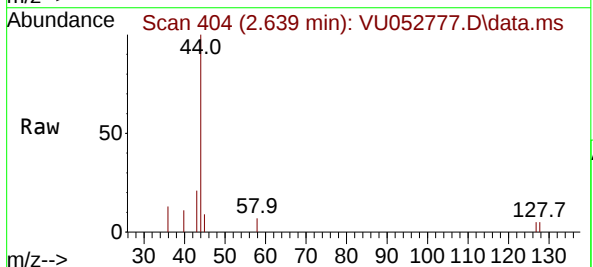
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

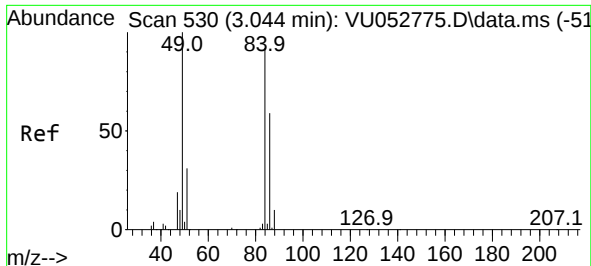
Tgt Ion:	96	Resp:	38748
Ion	Ratio	Lower	Upper
96	100		
70	18.4	16.2	24.4
95	8.9	7.4	11.0
97	6.4	0.0	0.0



#13
Acetone
Concen: 0.224 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.013 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

Tgt Ion:	43	Resp:	610
Ion	Ratio	Lower	Upper
43	100		
58	31.4	29.0	43.4

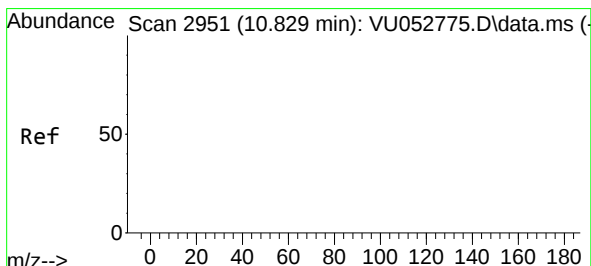
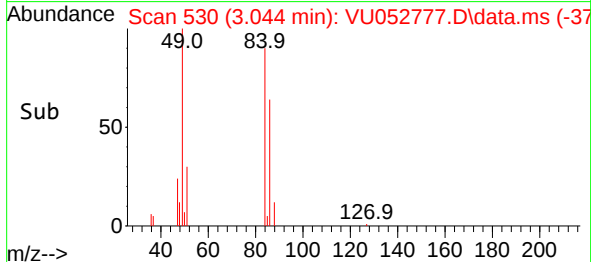
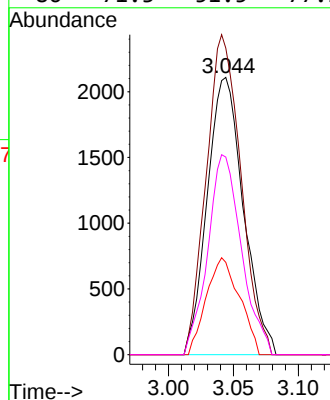
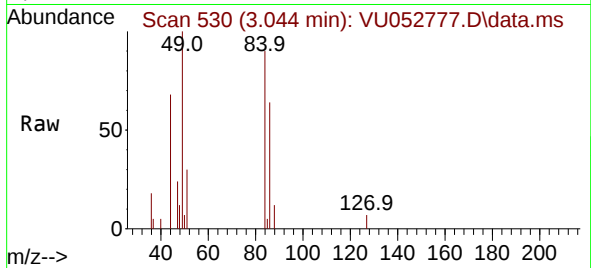




#15
Methylene Chloride
Concen: 0.374 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

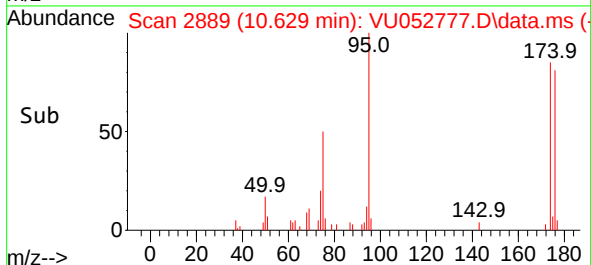
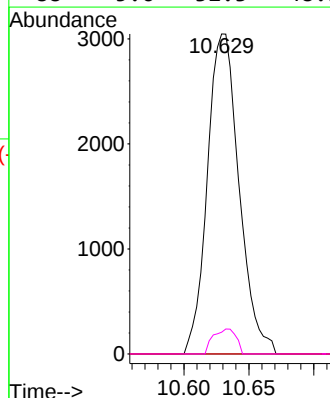
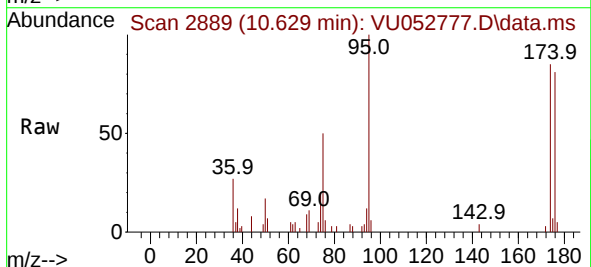
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

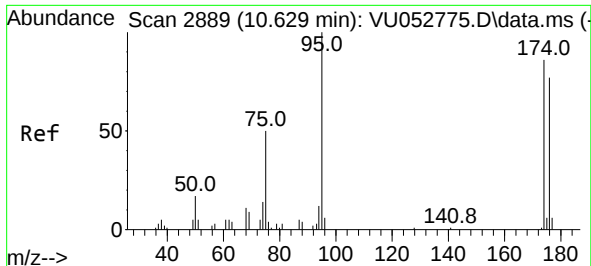
Tgt Ion:	84	Resp:	4088
Ion	Ratio	Lower	Upper
84	100		
49	110.6	86.7	130.1
51	33.3	0.0	66.8
86	71.3	51.5	77.3



#46
t-1,4-Dichloro-2-butene
Concen: 1.779 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.200 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

Tgt Ion:	75	Resp:	5177
Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.0	85.4#
89	0.0	41.1	61.7#
88	5.6	32.3	48.5#





#57

4-Bromofluorobenzene

Concen: 0.785 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.000 min

Lab File: VU052777.D

Acq: 23 Jan 2023 15:07

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

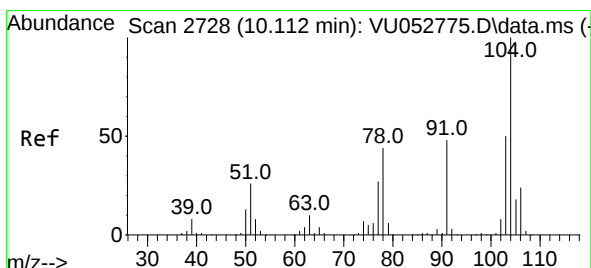
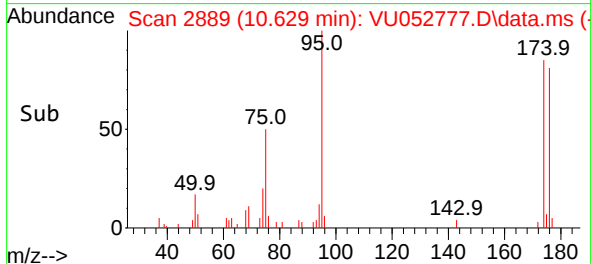
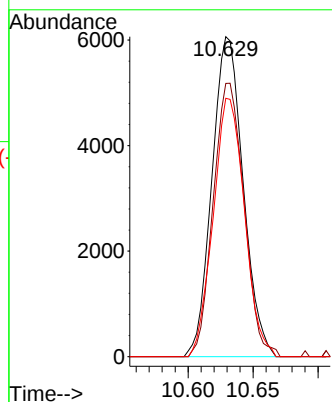
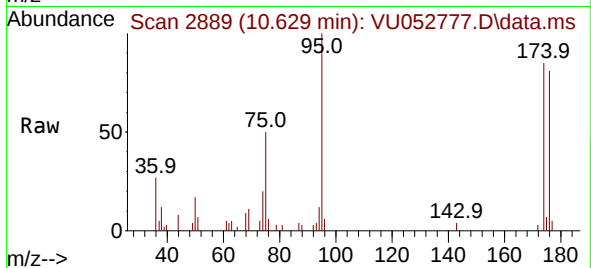
Tgt Ion: 95 Resp: 10115

Ion Ratio Lower Upper

95 100

174 84.2 66.9 100.3

176 80.9 61.9 92.9



#66

Styrene

Concen: 0.426 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU052777.D

Acq: 23 Jan 2023 15:07

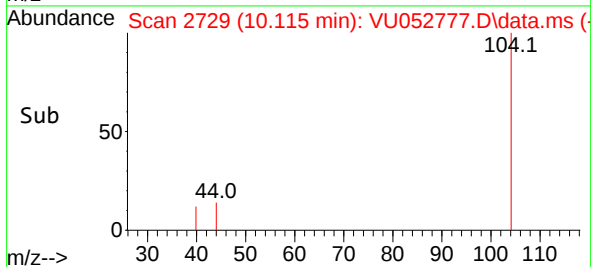
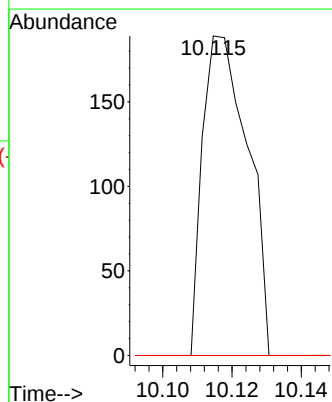
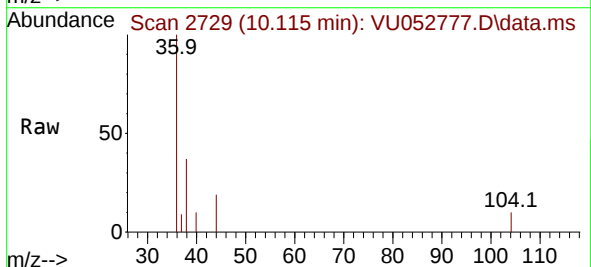
Tgt Ion:104 Resp: 171

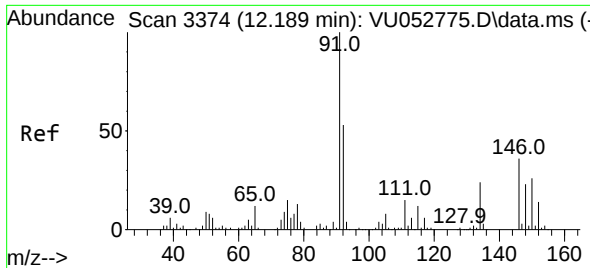
Ion Ratio Lower Upper

104 100

78 0.0 39.6 59.4#

103 0.0 42.9 64.3#

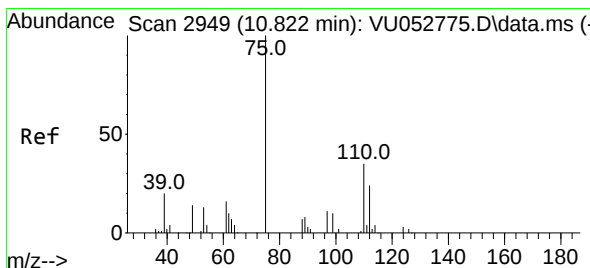
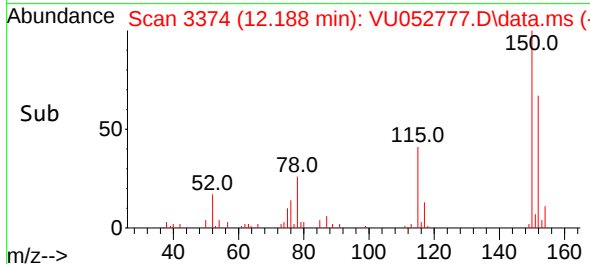
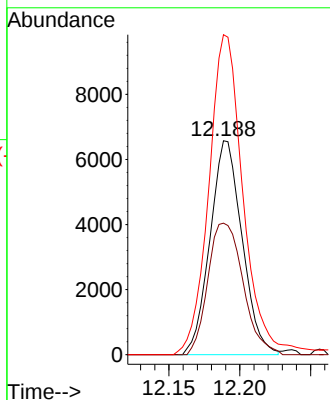
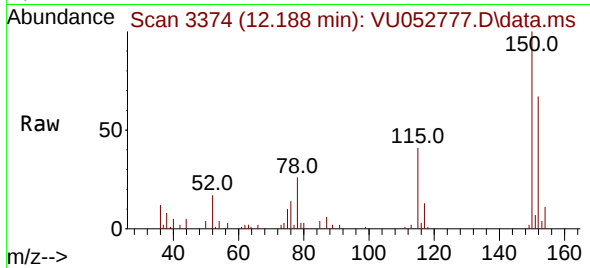




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.782 ug/l
 RT: 12.188 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052777.D
 Acq: 23 Jan 2023 15:07

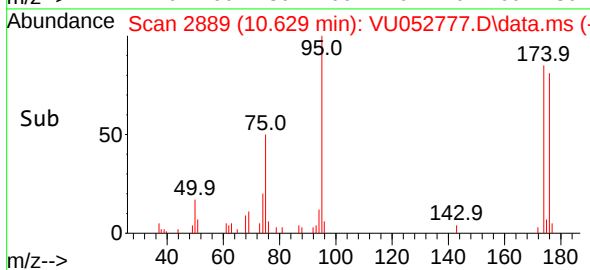
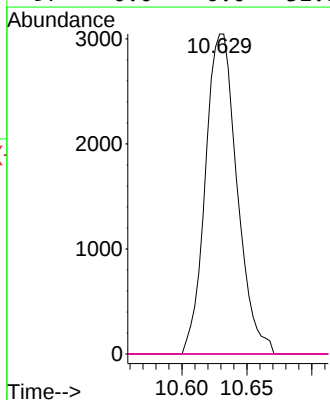
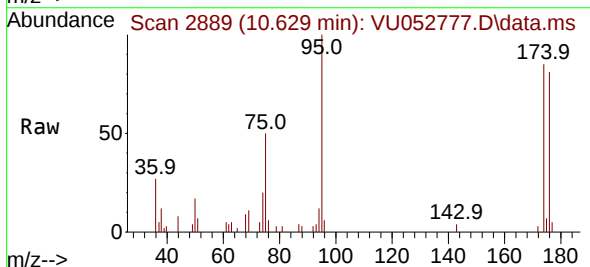
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

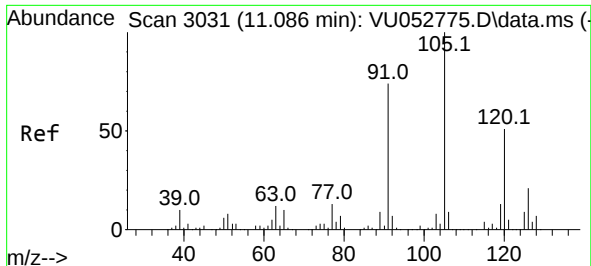
Tgt Ion:	152	Resp:	10366
Ion	Ratio	Lower	Upper
152	100		
115	67.4	0.0	262.6
150	160.5	0.0	638.0



#71
 1,2,3-Trichloropropane
 Concen: 0.639 ug/l
 RT: 10.629 min Scan# 2889
 Delta R.T. -0.193 min
 Lab File: VU052777.D
 Acq: 23 Jan 2023 15:07

Tgt Ion:	75	Resp:	5177
Ion	Ratio	Lower	Upper
75	100		
77	5.5	0.0	86.0
110	0.0	0.0	63.8
97	0.0	0.0	31.8

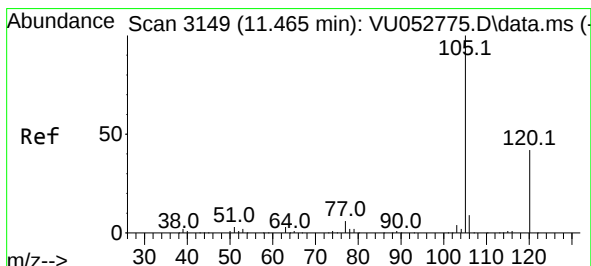
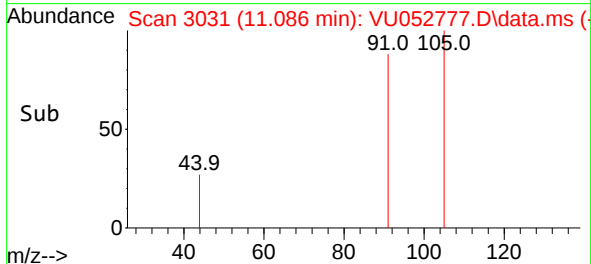
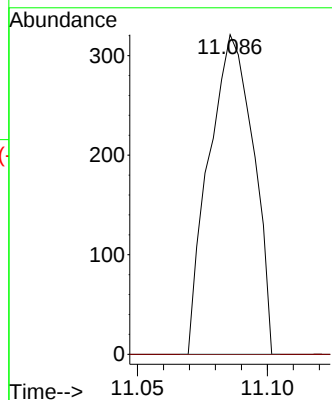
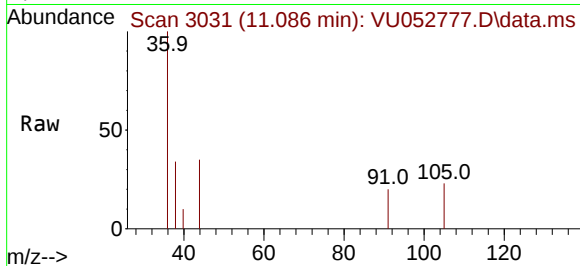




#75
1,3,5-Trimethylbenzene
Concen: 0.428 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

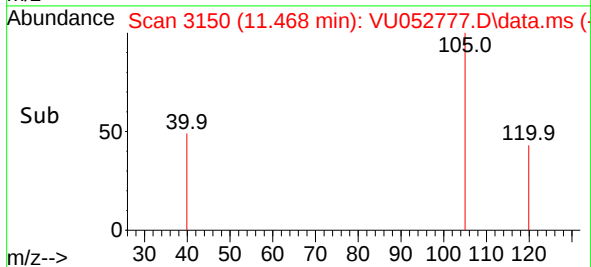
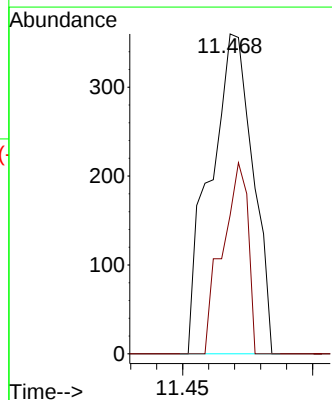
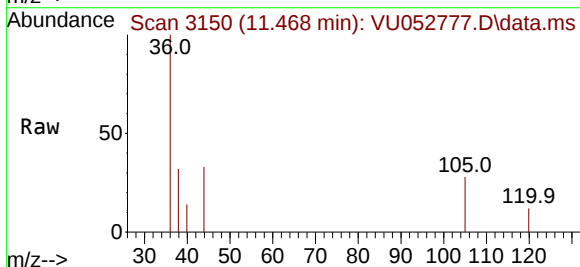
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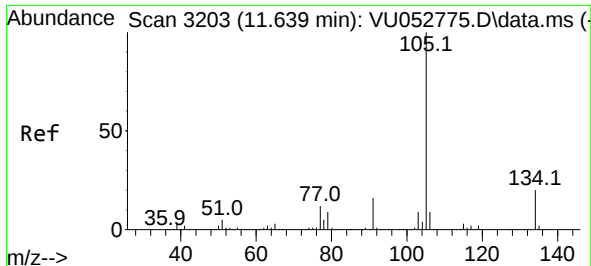
Tgt Ion:105 Resp: 383
Ion Ratio Lower Upper
105 100
120 0.0 39.9 59.9#



#78
1,2,4-Trimethylbenzene
Concen: 0.464 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

Tgt Ion:105 Resp: 411
Ion Ratio Lower Upper
105 100
120 36.0 23.4 70.3

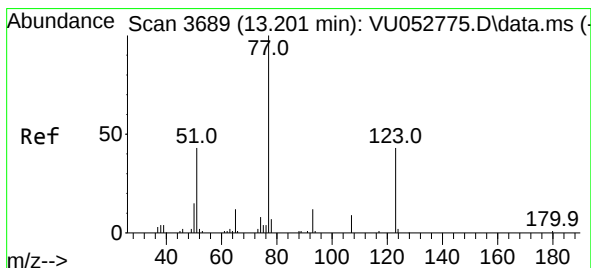
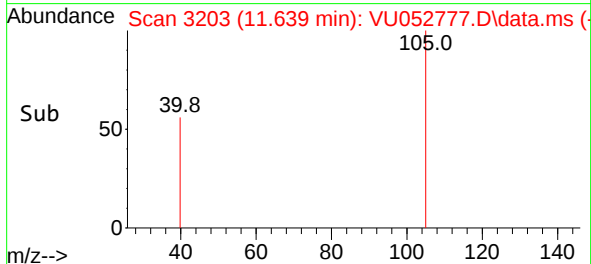
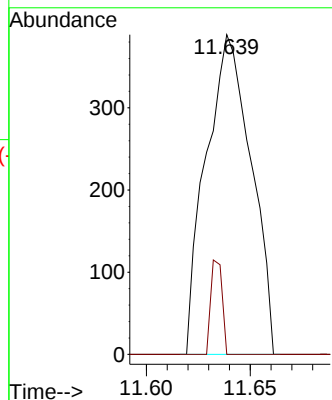
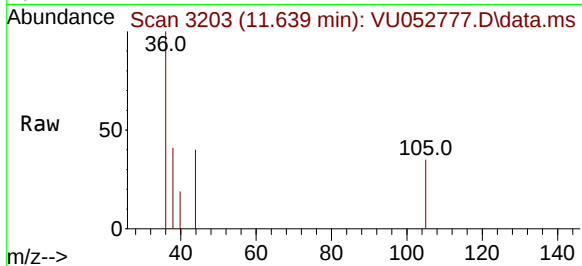




#79
 sec-Butylbenzene
 Concen: 0.439 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052777.D
 Acq: 23 Jan 2023 15:07

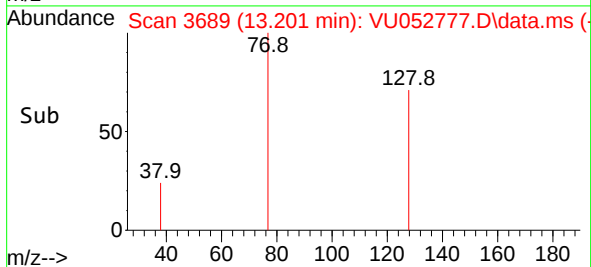
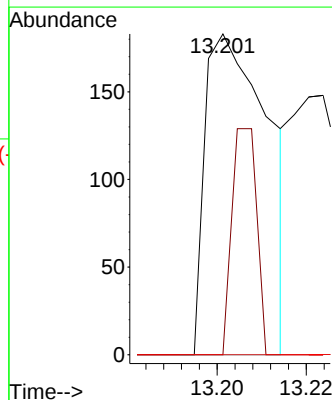
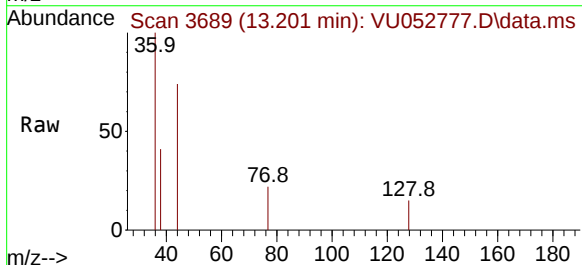
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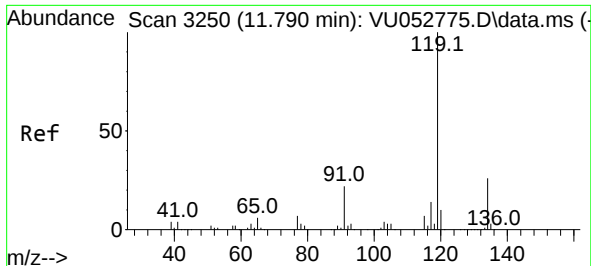
Tgt Ion:105 Resp: 586
 Ion Ratio Lower Upper
 105 100
 134 7.3 16.5 24.7#



#80
 Nitrobenzene
 Concen: 0.312 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. 0.000 min
 Lab File: VU052777.D
 Acq: 23 Jan 2023 15:07

Tgt Ion: 77 Resp: 181
 Ion Ratio Lower Upper
 77 100
 123 27.6 18.8 66.8
 65 0.0 10.1 12.9#

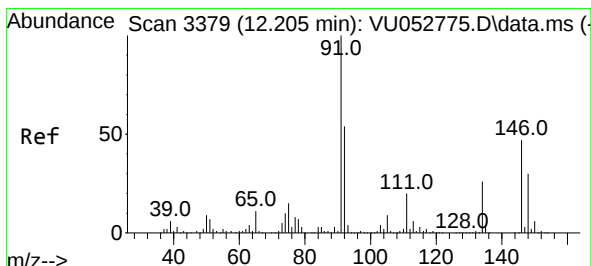
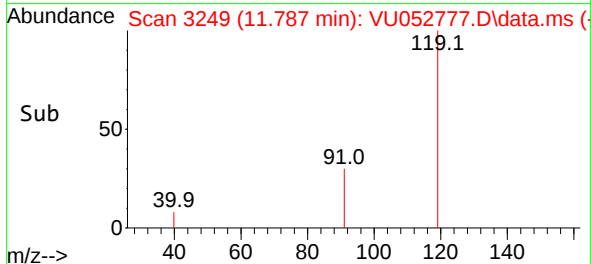
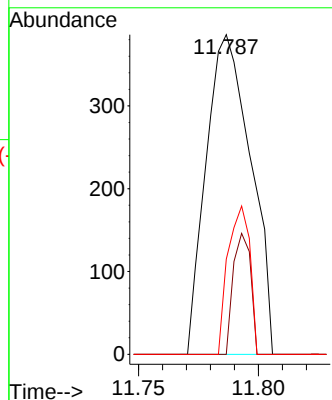
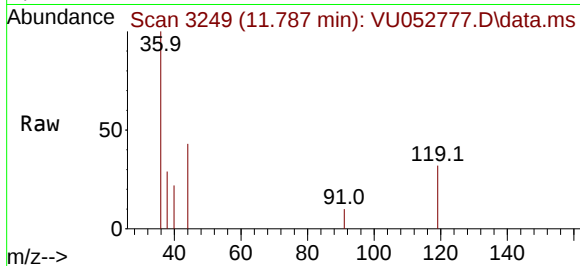




#81
p-Isopropyltoluene
Concen: 0.494 ug/l
RT: 11.787 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

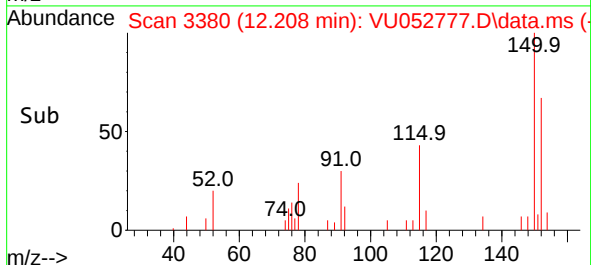
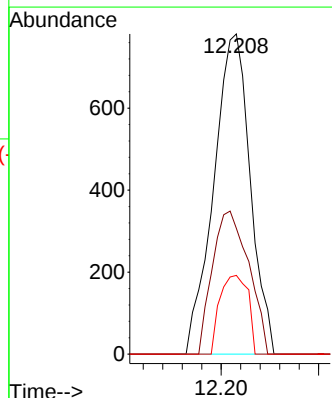
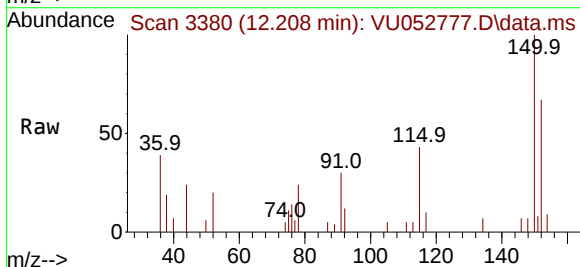
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

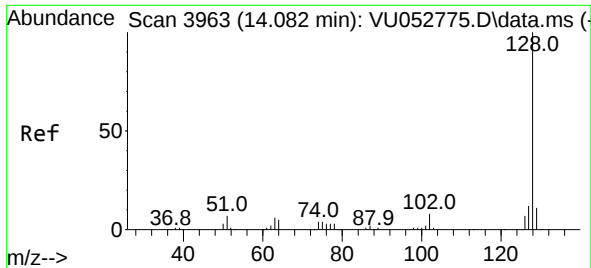
Tgt Ion:119 Resp: 499
Ion Ratio Lower Upper
119 100
134 14.8 20.7 31.1#
91 22.6 17.6 26.4



#84
n-Butylbenzene
Concen: 0.576 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU052777.D
Acq: 23 Jan 2023 15:07

Tgt Ion: 91 Resp: 1015
Ion Ratio Lower Upper
91 100
92 44.3 43.4 65.0
134 18.8 21.2 31.8#





#89

Naphthalene

Concen: 0.227 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.006 min

Lab File: VU052777.D

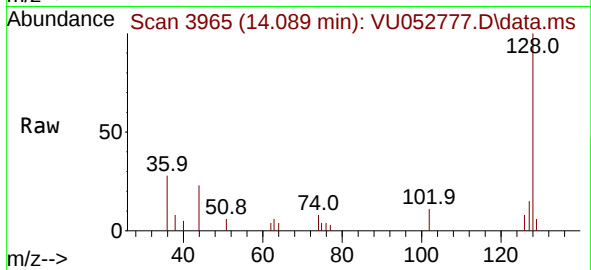
Acq: 23 Jan 2023 15:07

Instrument :

MSVOA_U

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 5559

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.2	15.4#
129	2.9	8.6	12.8#

