

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039701.D
 Acq On : 29 Jul 2020 13:36
 Operator : SY/MD
 Sample : I.BLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK37

Quant Time: Jul 30 01:47:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

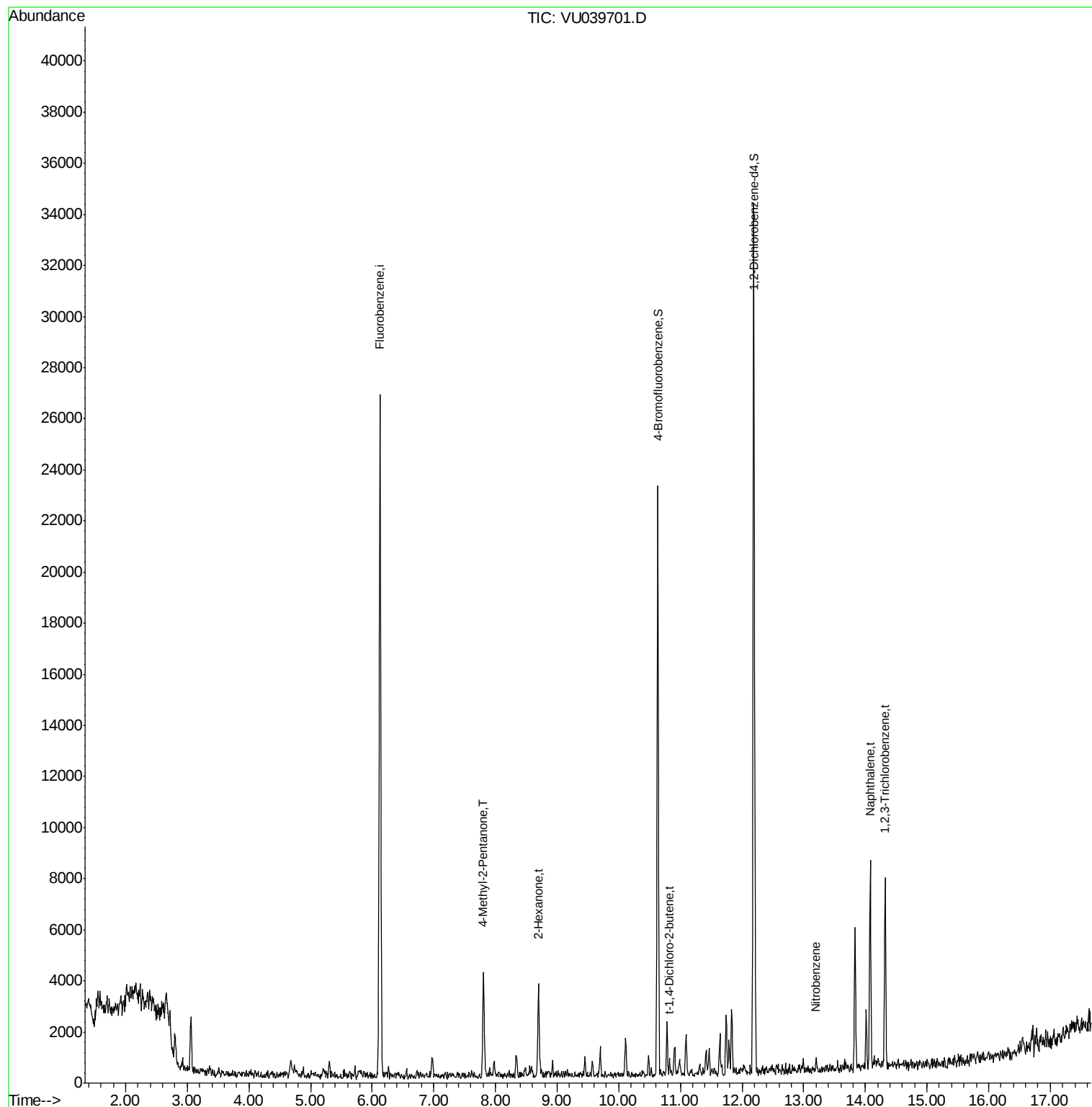
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	22715	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.64	95	7429	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7446	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
Target Compounds						
					Ovalue	
45) 4-Methyl-2-Pentanone	7.80	43	3106	0.486	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	443	0.233	ug/l #	15
54) 2-Hexanone	8.70	43	3065	0.670	ug/l	91
80) Nitrobenzene	13.20	77	292	1.914	ug/l #	70
89) Naphthalene	14.08	128	6357	0.325	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	2033	0.235	ug/l	92
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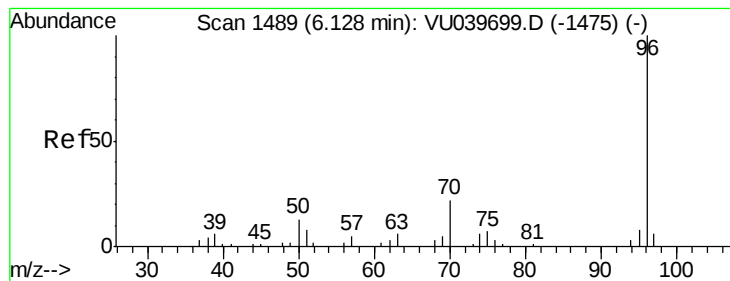
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039701.D

Acq: 29 Jul 2020 13:36

Instrument :

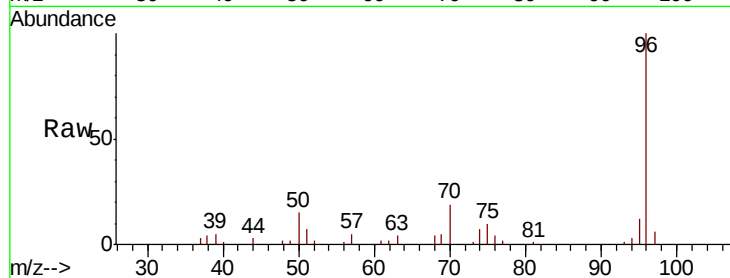
MSVOA_U

ClientSampleId :

VBLK37

Tot Ion: 96 Resp: 22715

Ion	Ratio	Lower	Upper
96	100		
70	20.4	16.3	24.5
95	10.6	6.8	10.2#
97	6.4	0.0	0.0#

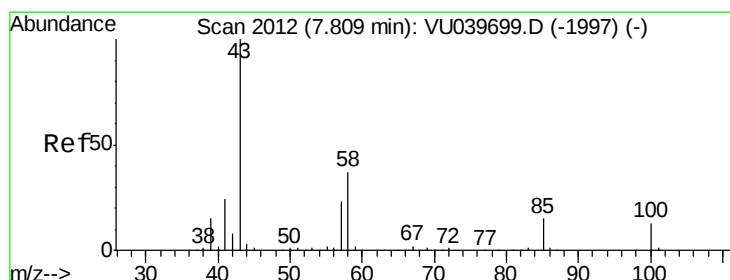
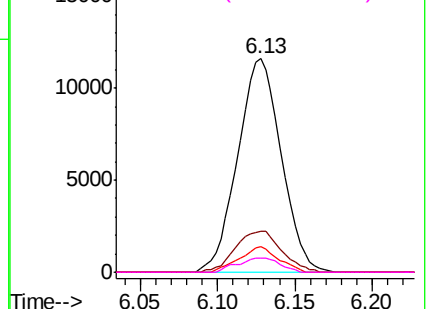
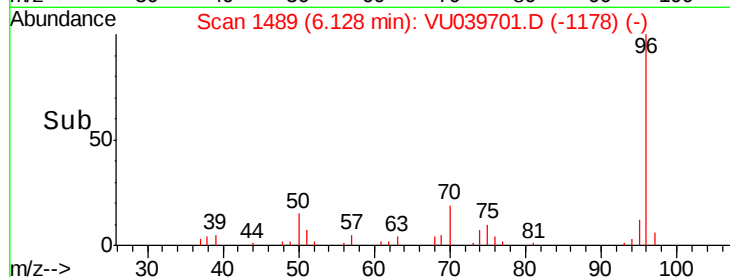


Abundance Ion 96.00 (95.70 to 96.70): VU039701.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039701.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039701.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039701.D (-1178) (-)



#45

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 7.80 min Scan# 2010

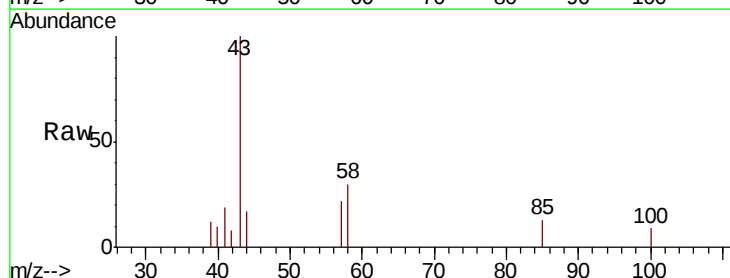
Delta R.T. -0.01 min

Lab File: VU039701.D

Acq: 29 Jul 2020 13:36

Tgt Ion: 43 Resp: 3106

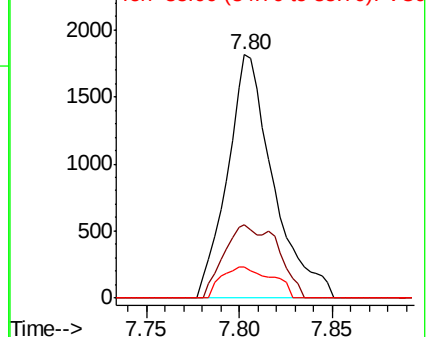
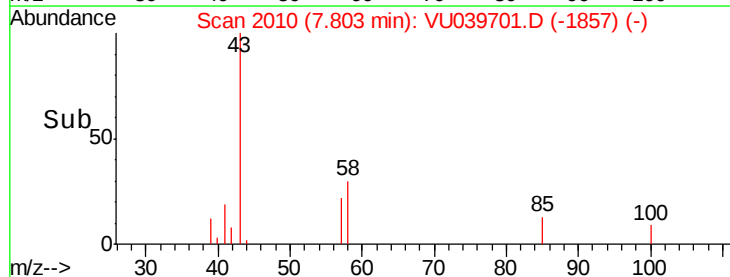
Ion	Ratio	Lower	Upper
43	100		
58	35.4	18.4	55.0
85	14.1	11.8	17.6

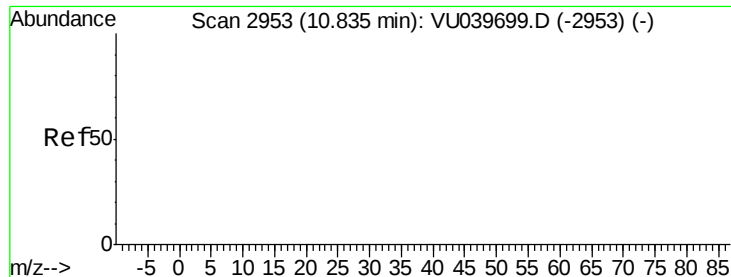


Abundance Ion 43.00 (42.70 to 43.70): VU039701.D (-1857) (-)

Ion 58.00 (57.70 to 58.70): VU039701.D (-1857) (-)

Ion 85.00 (84.70 to 85.70): VU039701.D (-1857) (-)

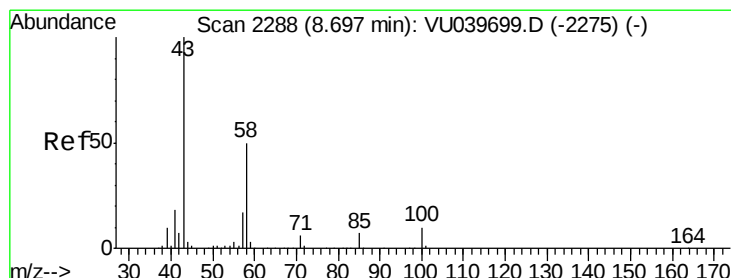
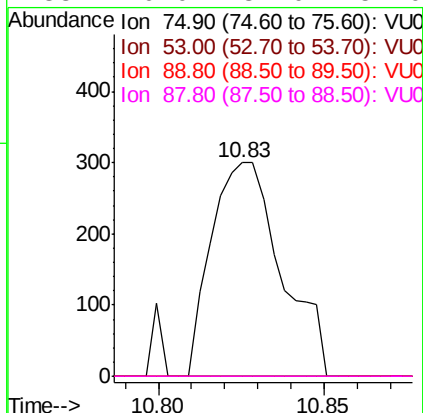
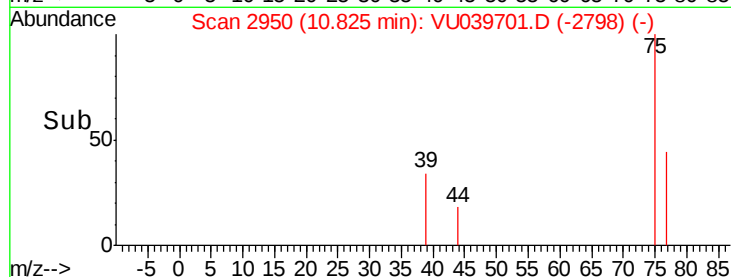
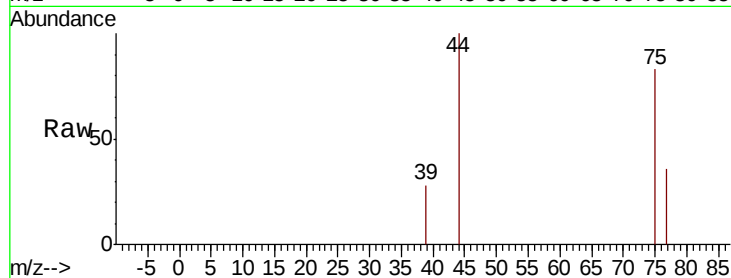




#46
t-1,4-Dichloro-2-butene
Concen: 0.233 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039701.D
Acq: 29 Jul 2020 13:36

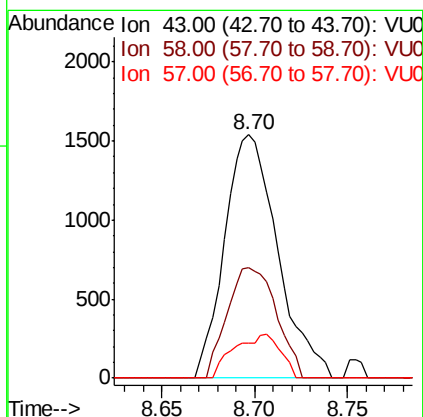
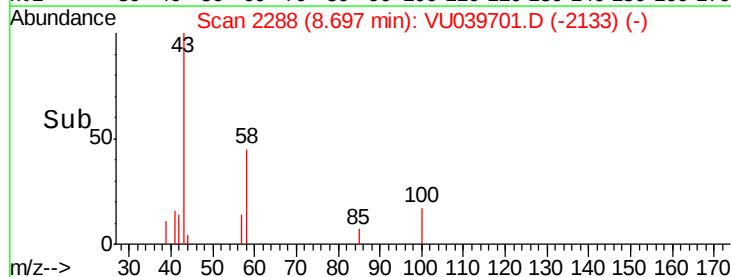
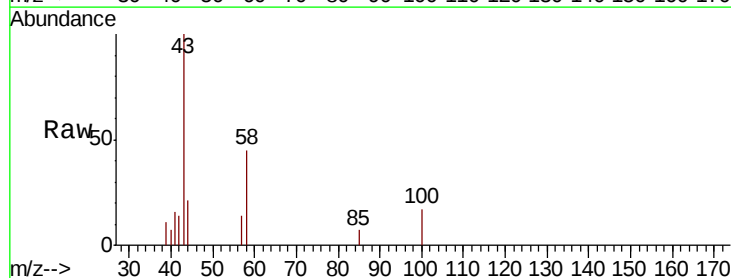
Instrument :
MSVOA_U
ClientSampleId :
VBLK37

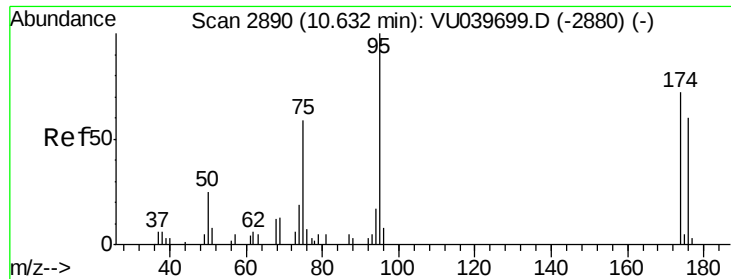
Tot Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 40.3 60.5#
88 0.0 34.0 51.0#



#54
2-Hexanone
Concen: 0.670 ug/l
RT: 8.70 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VU039701.D
Acq: 29 Jul 2020 13:36

Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
58 42.0 29.9 69.9
57 15.8 0.0 37.2

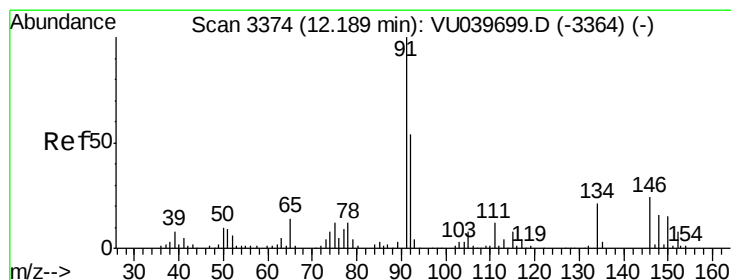
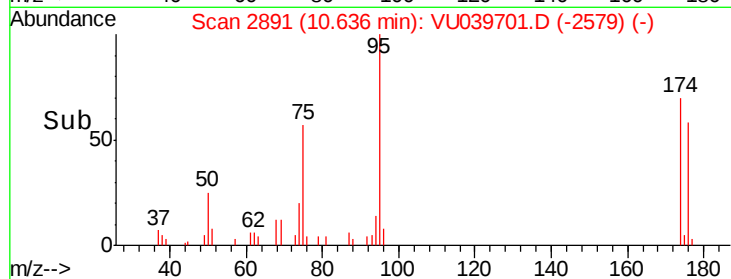
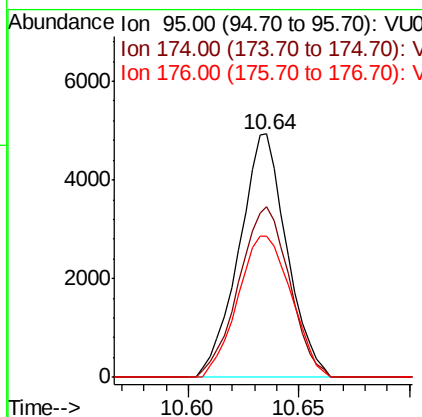
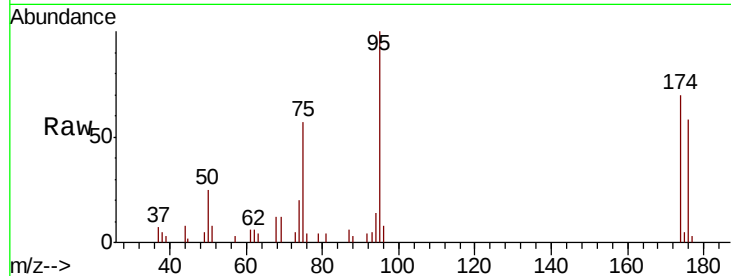




#57
 4-Bromofluorobenzene
 Concen: 0.837 ug/l
 RT: 10.64 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: VU039701.D
 Acq: 29 Jul 2020 13:36

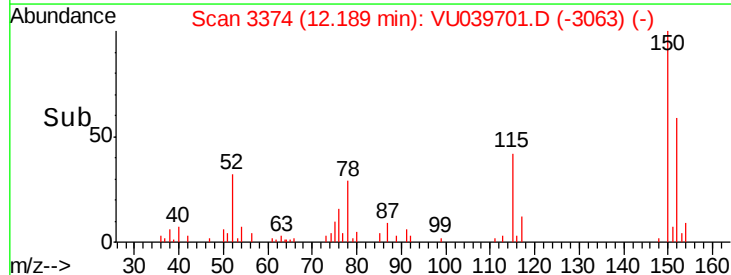
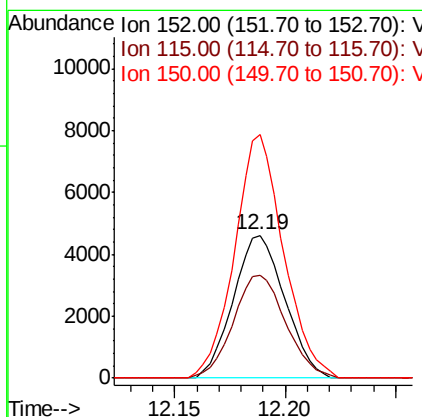
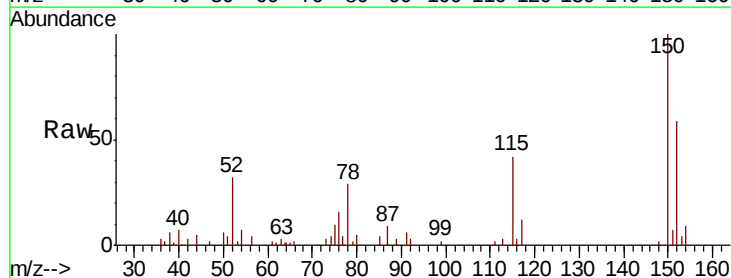
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK37

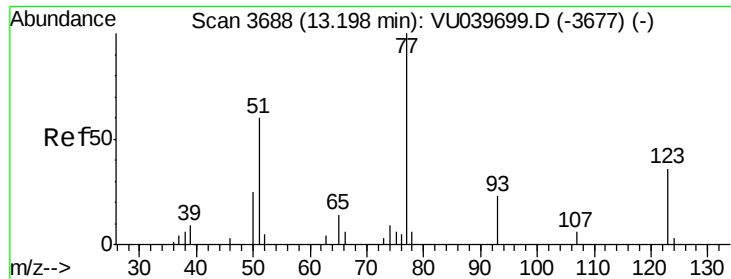
Tot Ion: 95 Resp: 7429
 Ion Ratio Lower Upper
 95 100
 174 74.1 57.0 85.4
 176 64.8 50.2 75.2



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.857 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039701.D
 Acq: 29 Jul 2020 13:36

Tgt Ion: 152 Resp: 7446
 Ion Ratio Lower Upper
 152 100
 115 73.8 0.0 302.4
 150 162.2 0.0 645.8





#80

Nitrobenzene

Concen: 1.914 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039701.D

Acq: 29 Jul 2020 13:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK37

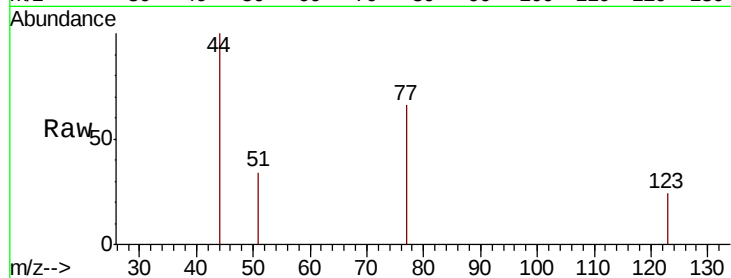
Tot Ion: 77 Resp: 292

Ion Ratio Lower Upper

77 100

123 22.3 16.9 59.9

65 0.0 14.4 18.4#

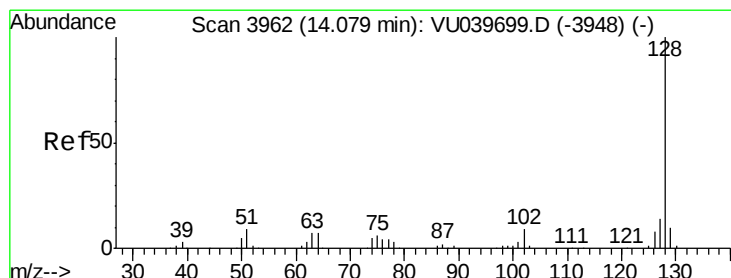
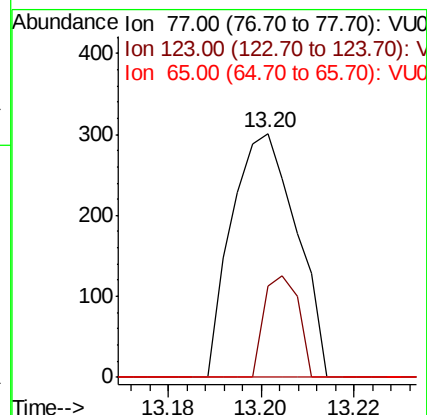
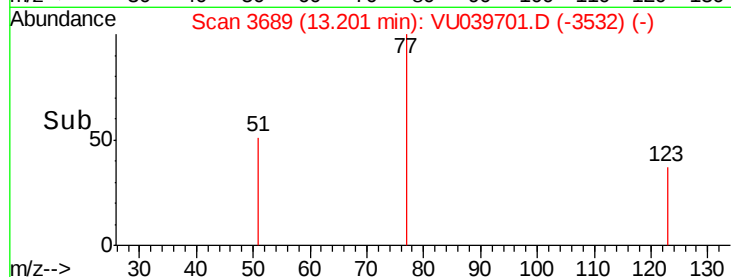


Abundance Ion 77.00 (76.70 to 77.70): VU039699.D (-3677) (-)

Ion 123.00 (122.70 to 123.70): VU039699.D (-3677) (-)

Ion 65.00 (64.70 to 65.70): VU039699.D (-3677) (-)

Time-->



#89

Naphthalene

Concen: 0.325 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039701.D

Acq: 29 Jul 2020 13:36

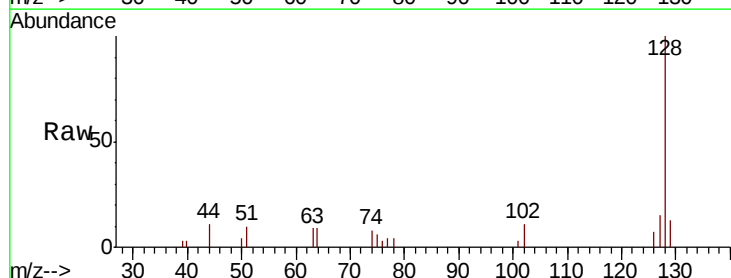
Tgt Ion: 128 Resp: 6357

Ion Ratio Lower Upper

128 100

127 14.1 11.0 16.4

129 10.5 8.4 12.6

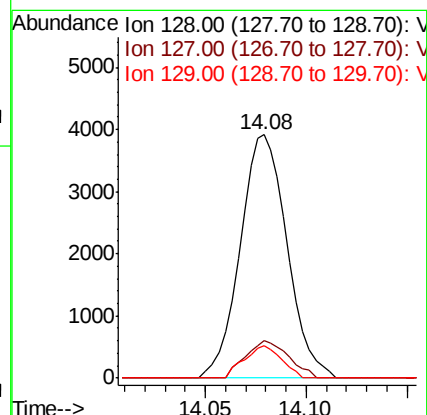
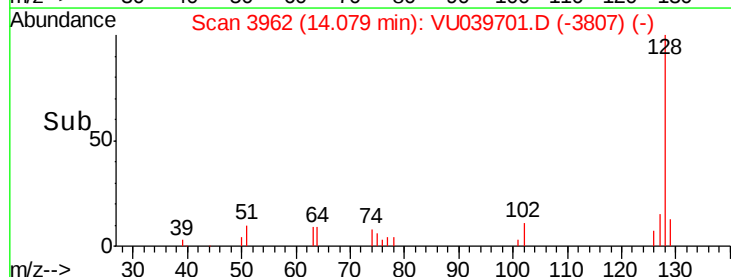


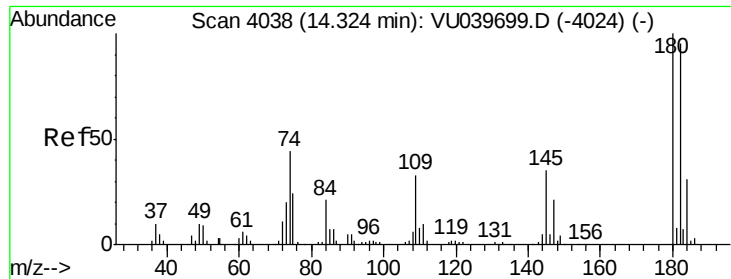
Abundance Ion 128.00 (127.70 to 128.70): VU039699.D (-3948) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-3948) (-)

Ion 129.00 (128.70 to 129.70): VU039699.D (-3948) (-)

Time-->





#90

1,2,3-Trichlorobenzene

Concen: 0.235 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039701.D

Acq: 29 Jul 2020 13:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK37

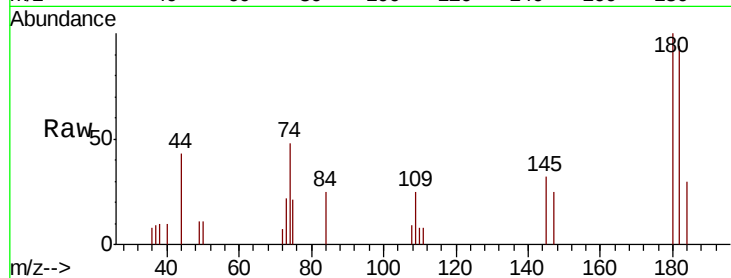
Tot Ion:180 Resp: 2033

Ion Ratio Lower Upper

180 100

182 104.4 76.0 114.0

145 33.3 27.8 41.6



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

