

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037457.D
 Acq On : 30 Mar 2020 12:39
 Operator : JC/MD
 Sample : L2001-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWF8

Quant Time: Mar 31 01:43:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	86785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	80912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28805	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	26326	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.59	63	42112	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	96001	54.98	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.96%
24) Chloroform-d	5.11	84	65232	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	38283	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.76	84	124199	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.72	67	43012	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.92	98	109295	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.20	79	16715	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.66	63	83602	57.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35050	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	39949	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

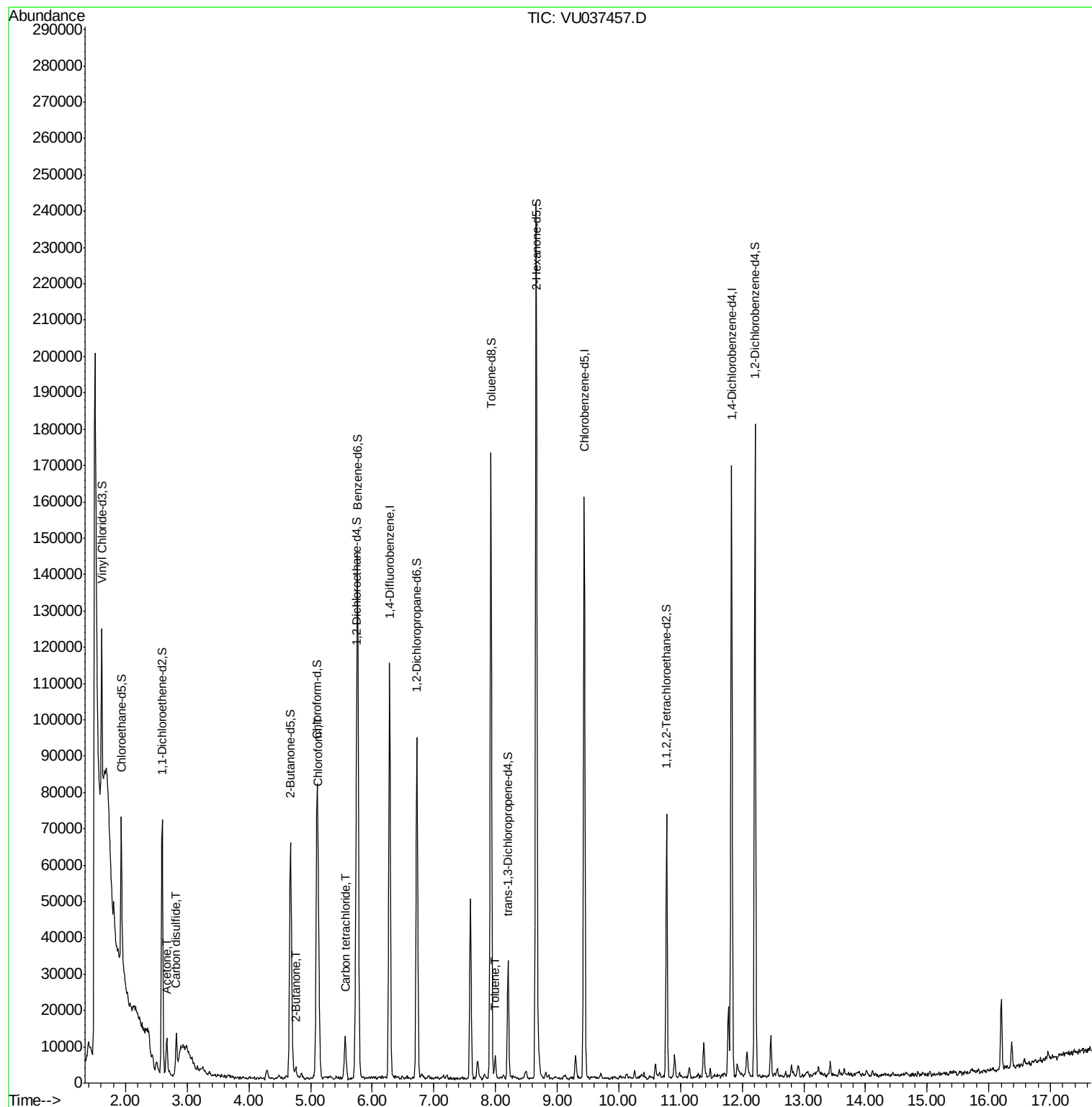
					Ovalue
13) Acetone	2.67	43	12497	12.456	ug/L 99
14) Carbon disulfide	2.82	76	15032	0.770	ug/L 96
21) 2-Butanone	4.76	43	4065	2.383	ug/L 80
25) Chloroform	5.13	83	28293	2.411	ug/L 99
31) Carbon tetrachloride	5.56	117	7598	0.865	ug/L 97
42) Toluene	8.00	91	4707	0.182	ug/L 95

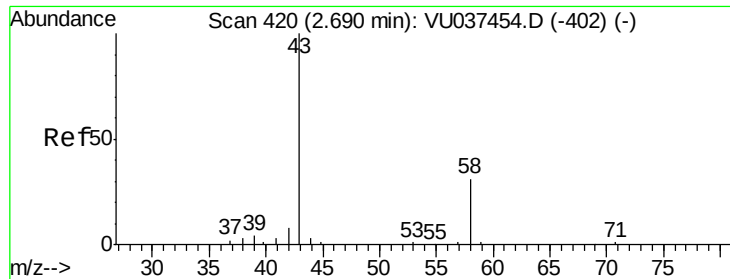
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.456 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU037457.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

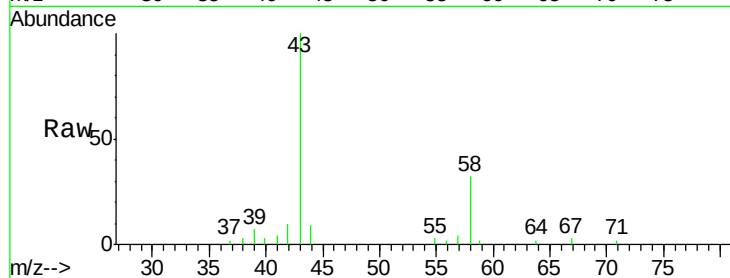
GAWF8

Tot Ion: 43 Resp: 12497

Ion Ratio Lower Upper

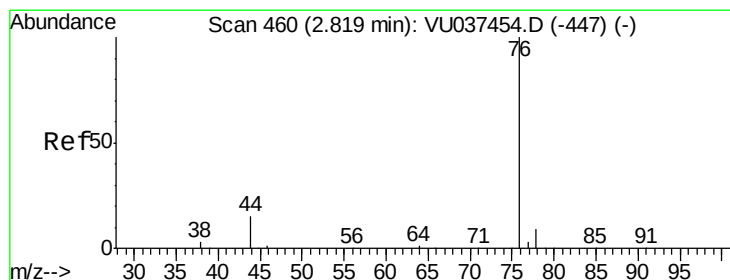
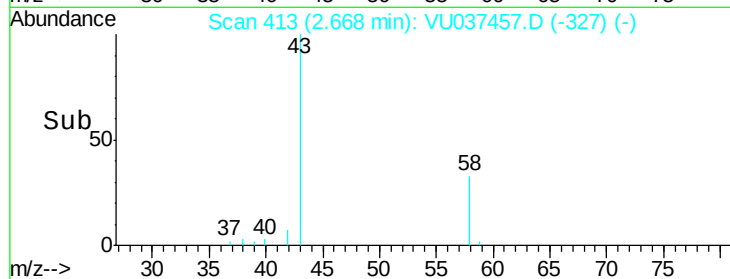
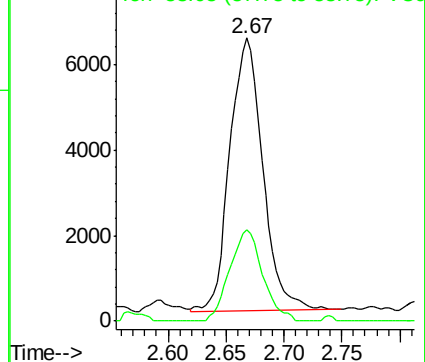
43 100

58 33.5 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.770 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU037457.D

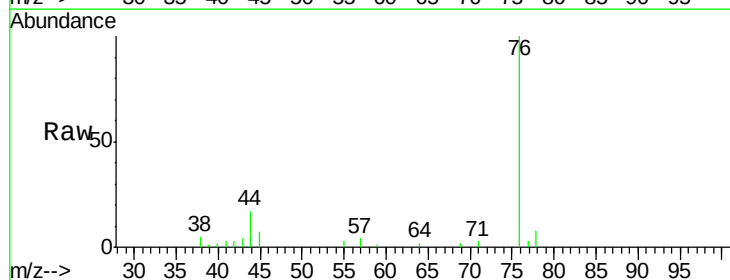
Acq: 30 Mar 2020 12:39

Tgt Ion: 76 Resp: 15032

Ion Ratio Lower Upper

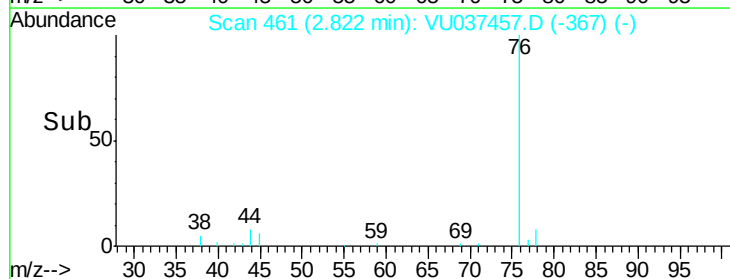
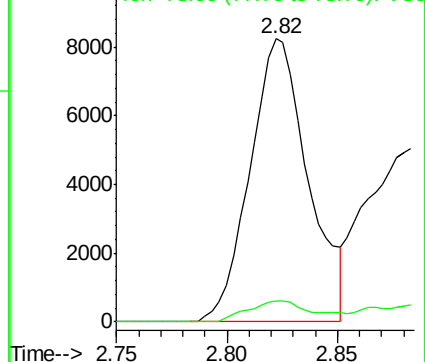
76 100

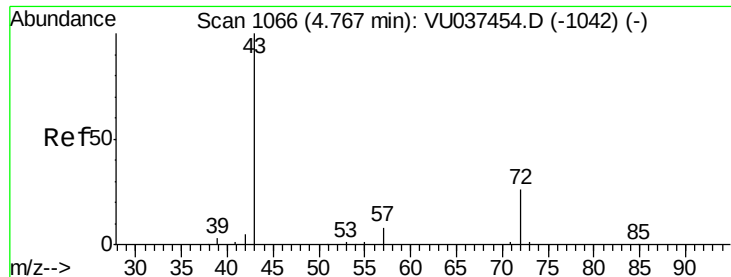
78 7.6 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0





#21

2-Butanone

Concen: 2.383 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. -0.01 min

Lab File: VU037457.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

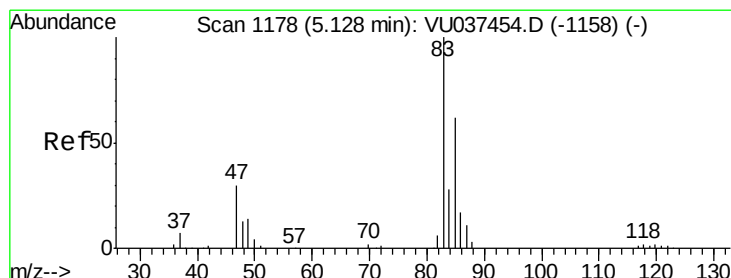
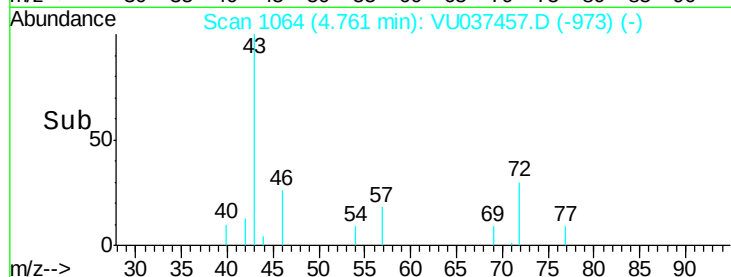
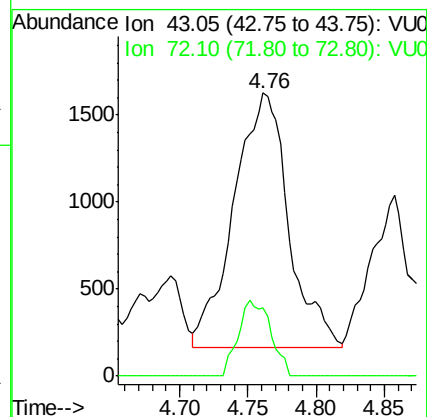
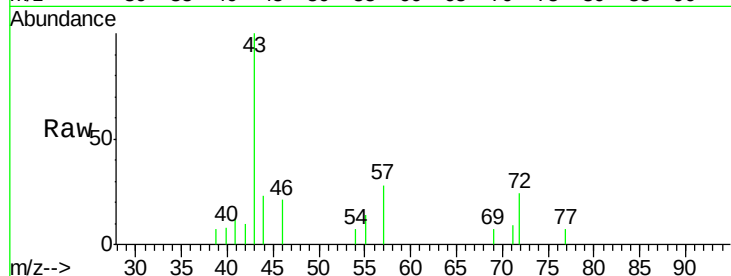
GAWF8

Tot Ion: 43 Resp: 4065

Ion Ratio Lower Upper

43 100

72 17.7 14.2 42.6



#25

Chloroform

Concen: 2.411 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037457.D

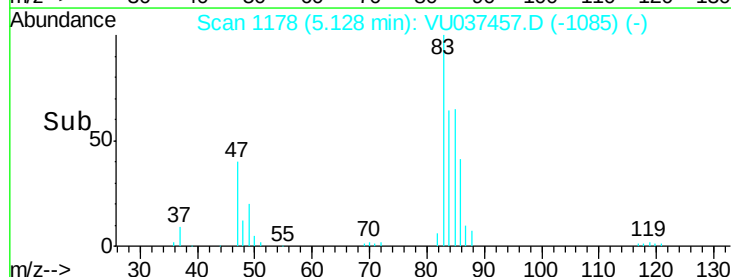
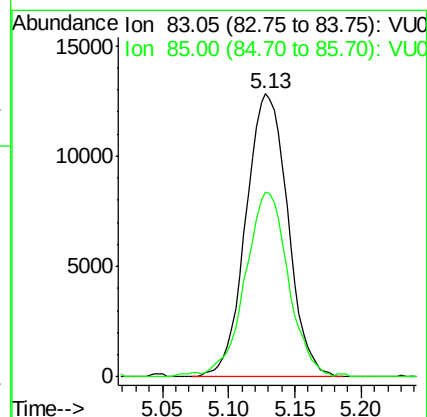
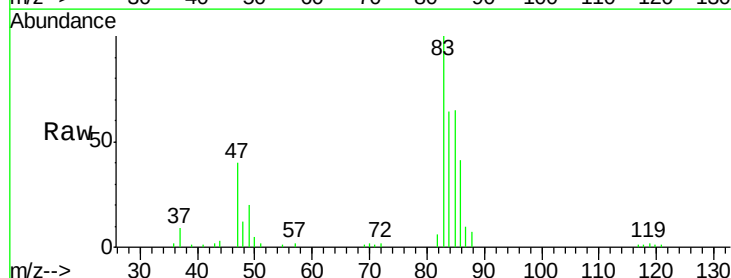
Acq: 30 Mar 2020 12:39

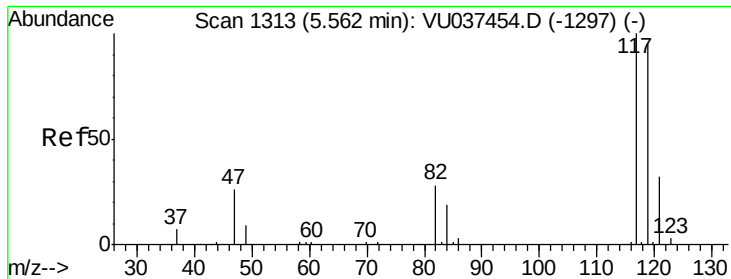
Tgt Ion: 83 Resp: 28293

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4





#31

Carbon tetrachloride

Concen: 0.865 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037457.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

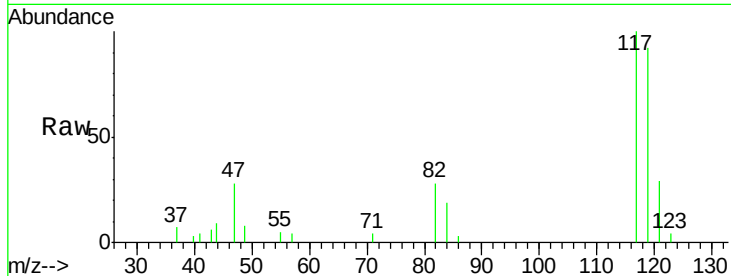
GAWF8

Tot Ion:117 Resp: 7598

Ion Ratio Lower Upper

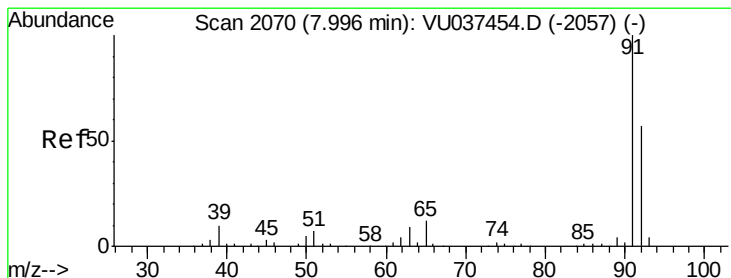
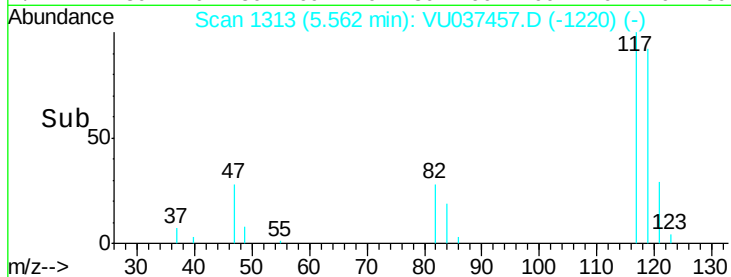
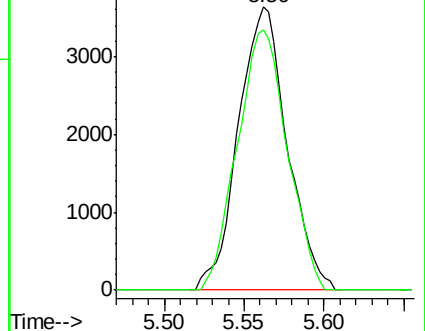
117 100

119 93.8 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#42

Toluene

Concen: 0.182 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU037457.D

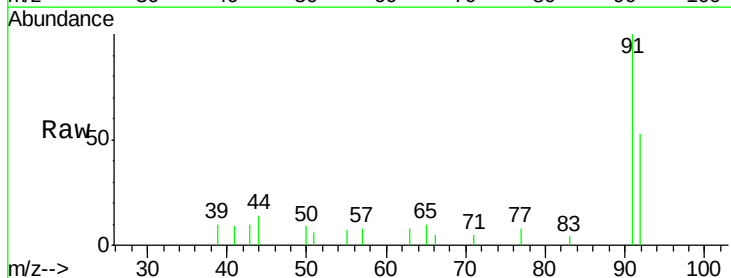
Acq: 30 Mar 2020 12:39

Tgt Ion: 91 Resp: 4707

Ion Ratio Lower Upper

91 100

92 52.9 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

