

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037462.D
 Acq On : 30 Mar 2020 14:43
 Operator : JC/MD
 Sample : L2001-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWG3

Quant Time: Mar 31 02:23:26 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	94563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	89708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30560	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	28255	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.59	63	46106	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.67	46	100485	52.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.10	84	58371	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.74	65	38053	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	126341	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	43630	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	113904	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	17145	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.66	63	88069	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35172	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42399	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

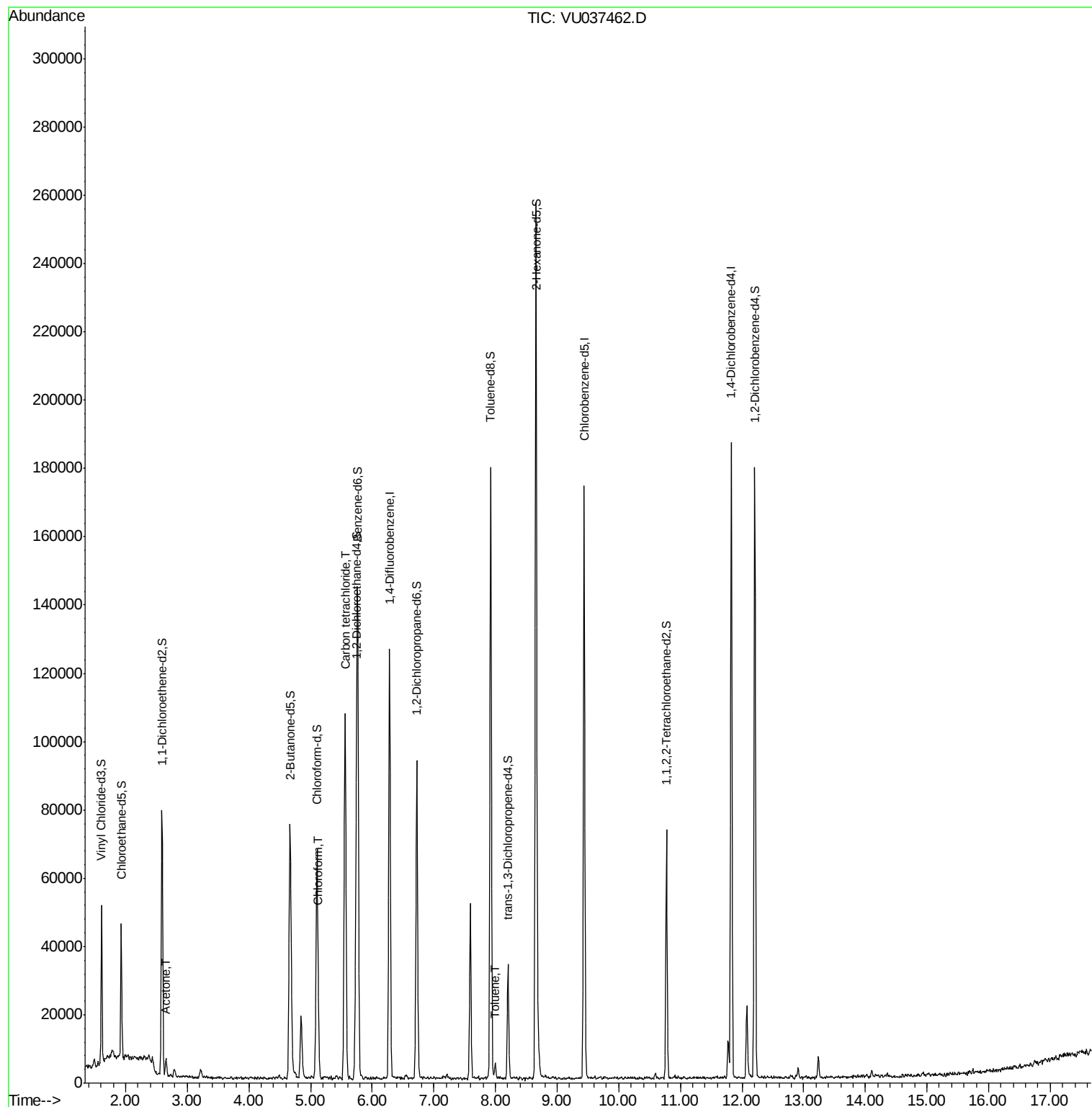
					Ovalue
13) Acetone	2.66	43	6015	5.502 ug/L	95
25) Chloroform	5.13	83	6665	0.521 ug/L	99
31) Carbon tetrachloride	5.56	117	69844	7.174 ug/L	99
42) Toluene	7.99	91	2927	0.102 ug/L	91

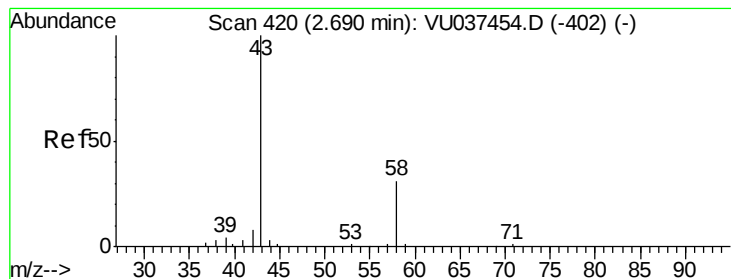
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.502 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.04 min

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MSVOA_U

ClientSampleId :

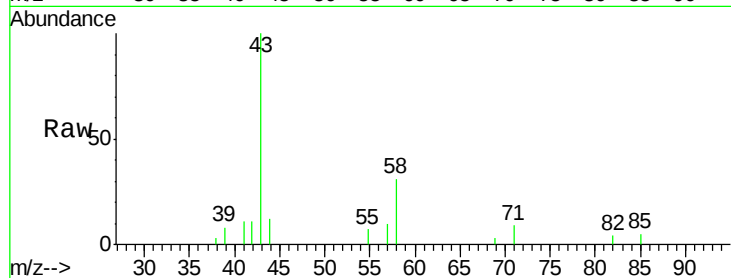
GAWG3

Tot Ion: 43 Resp: 6015

Ion Ratio Lower Upper

43 100

58 30.1 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037454.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037454.D (-402) (-)

2.66

3000

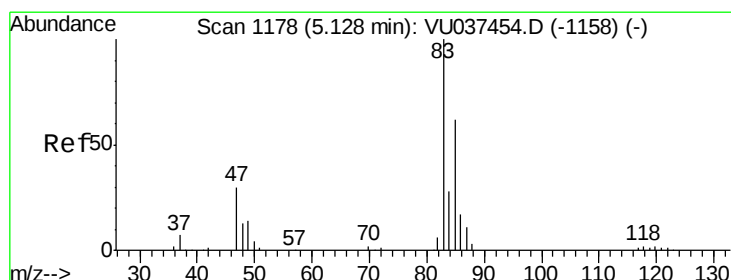
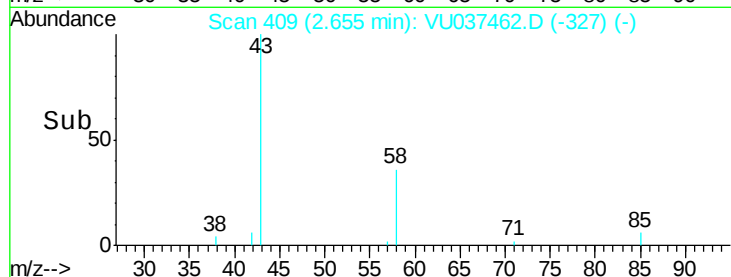
2000

1000

0

Time-->

2.55 2.60 2.65 2.70



#25

Chloroform

Concen: 0.521 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

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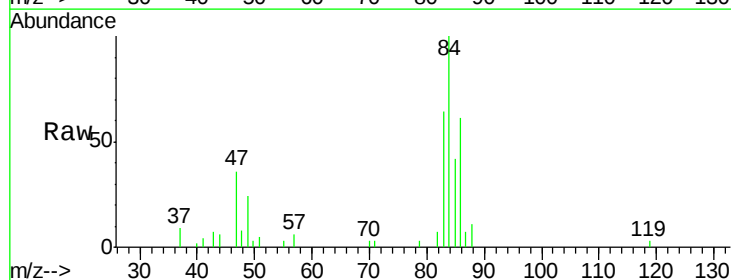
Acq: 30 Mar 2020 14:43

Tgt Ion: 83 Resp: 6665

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037454.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU037454.D (-1158) (-)

5.13

3000

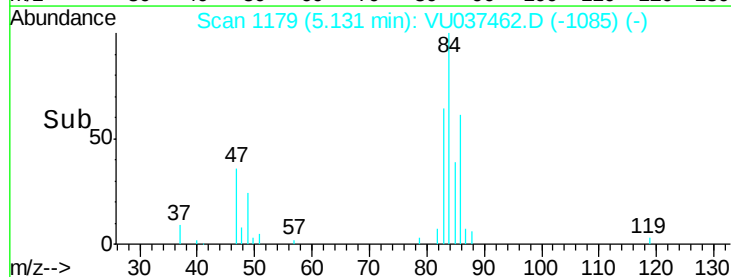
2000

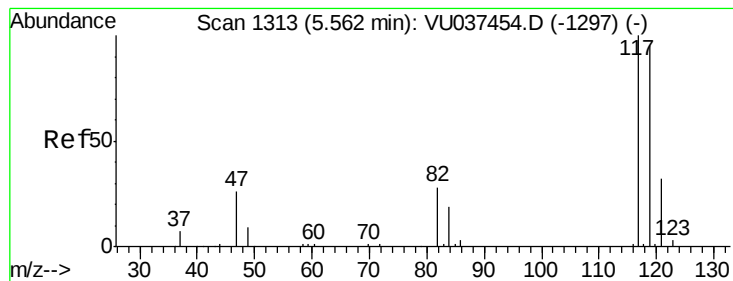
1000

0

Time-->

5.05 5.10 5.15 5.20





#31

Carbon tetrachloride

Concen: 7.174 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

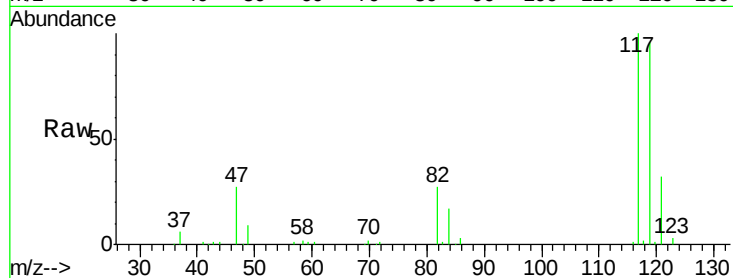
GAWG3

Tot Ion:117 Resp: 69844

Ion Ratio Lower Upper

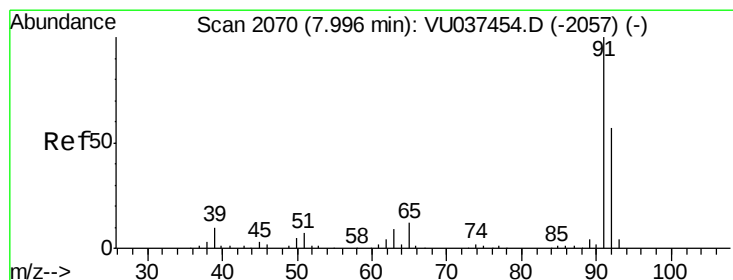
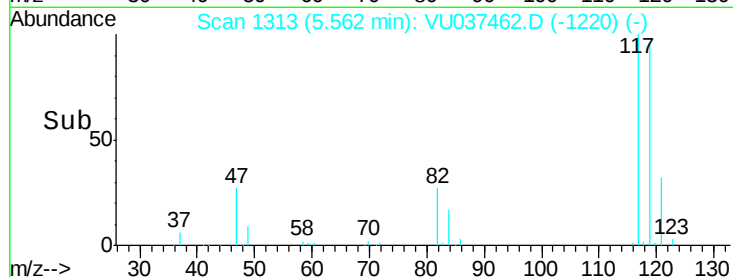
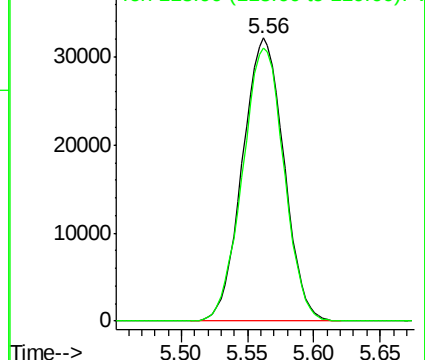
117 100

119 96.3 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: 0.102 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037462.D

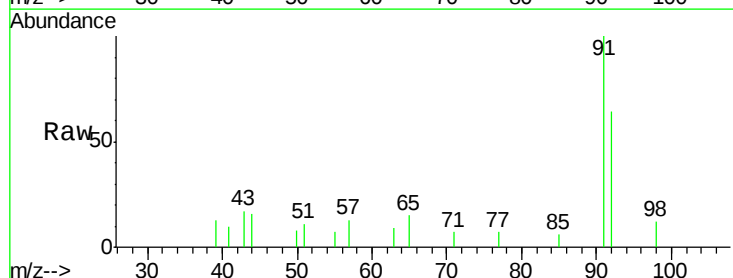
Acq: 30 Mar 2020 14:43

Tgt Ion: 91 Resp: 2927

Ion Ratio Lower Upper

91 100

92 63.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

