

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037076.D
 Acq On : 05 Mar 2020 12:25
 Operator : JC/MD
 Sample : L1784-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ6

Quant Time: Mar 06 00:06:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	241411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	229462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	80473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86631	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.93	69	88556	52.79	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.58%
11) 1,1-Dichloroethene-d2	2.59	63	120502	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.67	46	155579	114.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.41%
24) Chloroform-d	5.11	84	167539	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	5.74	65	116275	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.00%
32) Benzene-d6	5.76	84	355352	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.10%
36) 1,2-Dichloropropane-d6	6.72	67	121150	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.70%
41) Toluene-d8	7.93	98	314762	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%
43) trans-1,3-Dichloropropene-	8.20	79	48829	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.76%
47) 2-Hexanone-d5	8.66	63	103108	98.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.09%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	167715	55.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	91360	58.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.16%

Target Compounds

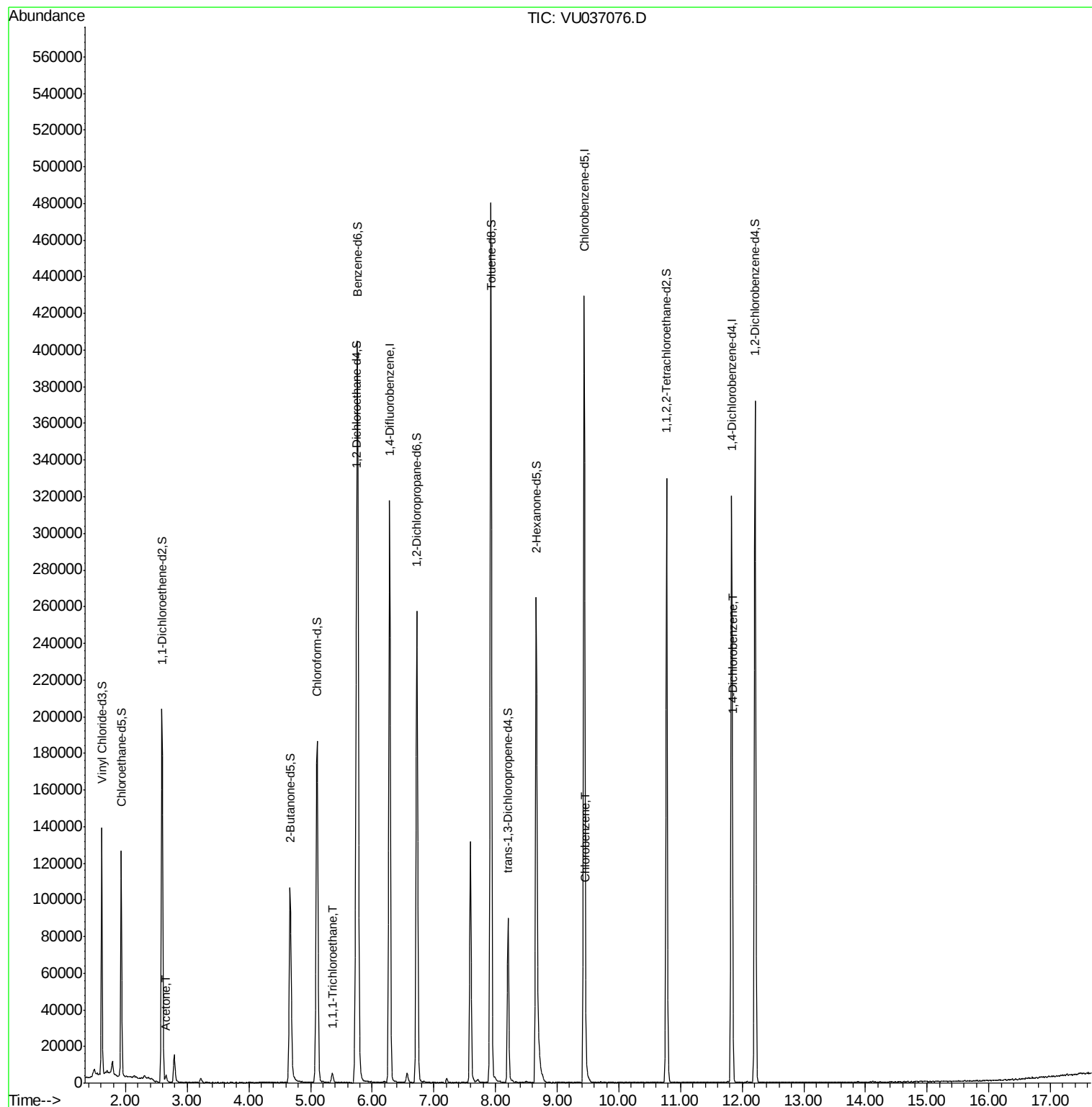
					Ovalue
13) Acetone	2.66	43	4119	2.945 ug/L	97
30) 1,1,1-Trichloroethane	5.35	97	3639	1.479 ug/L	97
51) Chlorobenzene	9.47	112	4498	0.983 ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	2922	1.133 ug/L	87

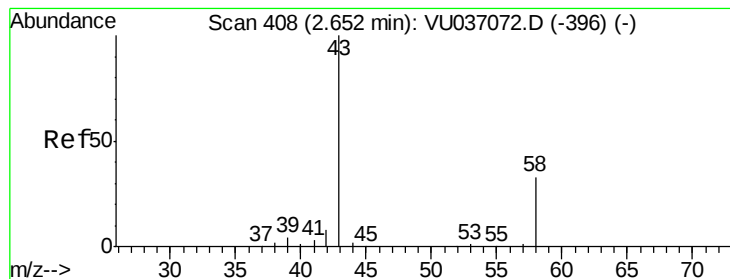
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.945 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037076.D

Acq: 05 Mar 2020 12:25

Instrument :

MSVOA_U

ClientSampleId :

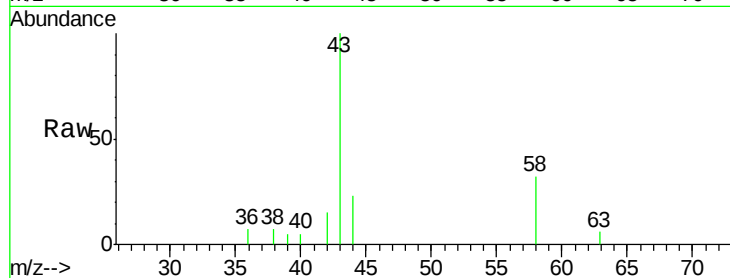
C0AZ6

Tot Ion: 43 Resp: 4119

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037072.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037072.D (-396) (-)

2.66

2000

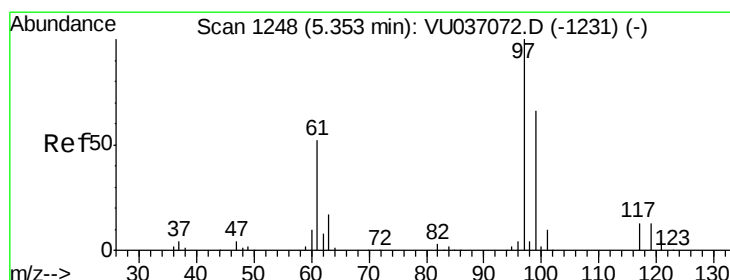
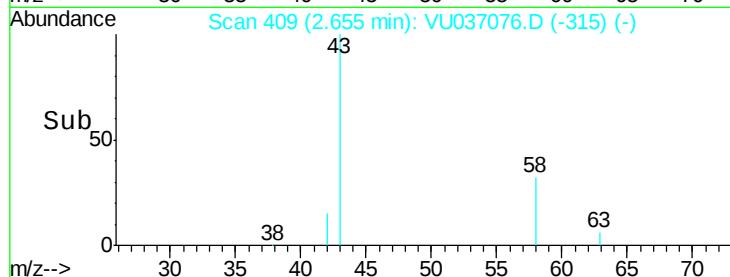
1500

1000

500

0

Time--> 2.60 2.65 2.70



#30

1,1,1-Trichloroethane

Concen: 1.479 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037076.D

Acq: 05 Mar 2020 12:25

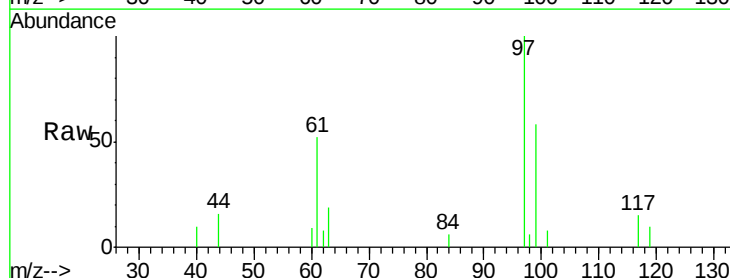
Tgt Ion: 97 Resp: 3639

Ion Ratio Lower Upper

97 100

99 62.5 50.4 75.6

61 54.0 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU037072.D (-1231) (-)

Ion 99.00 (98.70 to 99.70): VU037072.D (-1231) (-)

Ion 61.05 (60.75 to 61.75): VU037072.D (-1231) (-)

5.35

2000

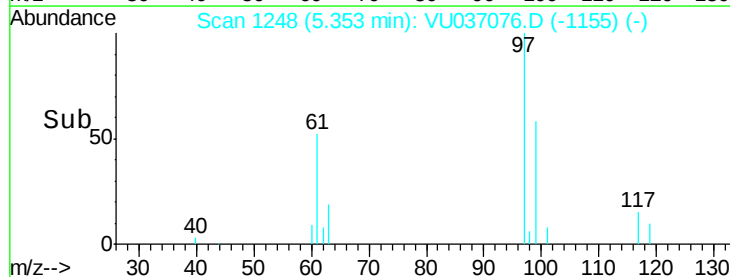
1500

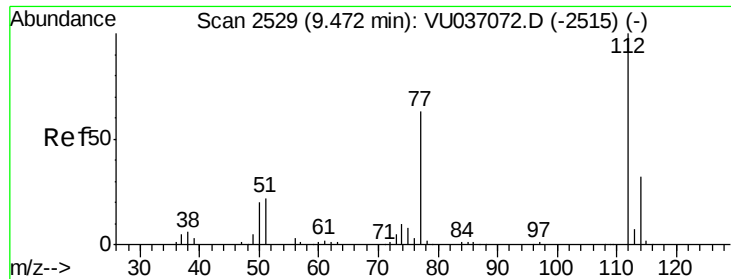
1000

500

0

Time--> 5.30 5.35 5.40

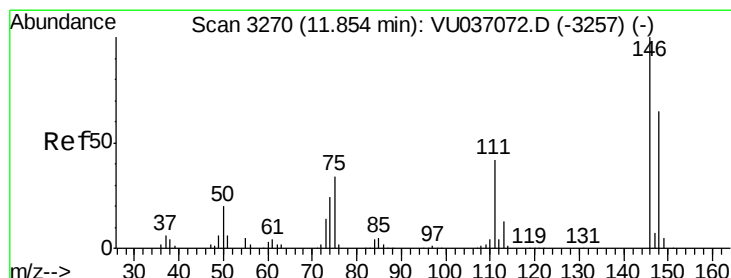
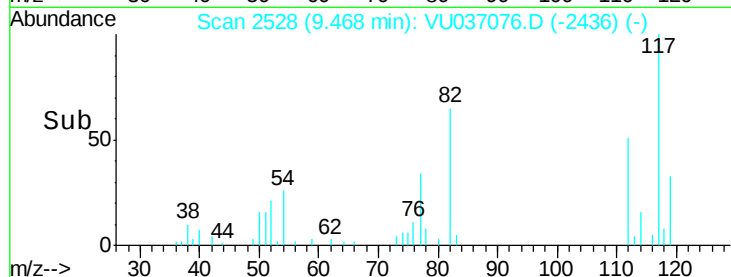
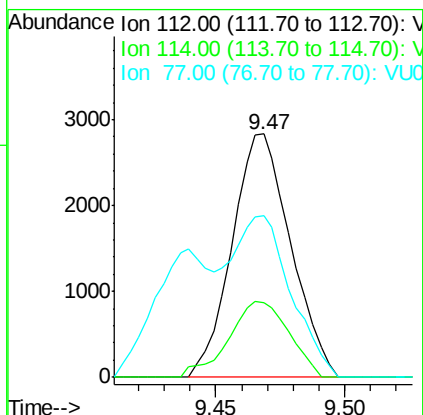
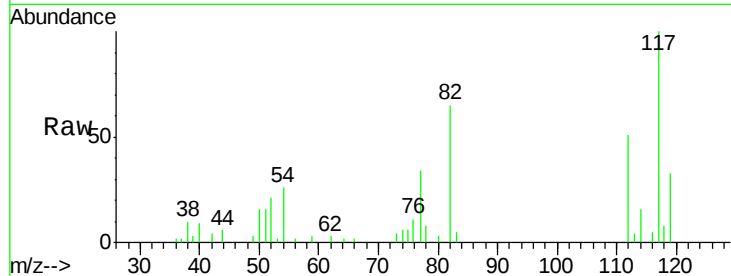




#51
Chlorobenzene
Concen: 0.983 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
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Tot Ion:112 Resp: 4498
Ion Ratio Lower Upper
112 100
114 30.8 22.3 41.5
77 66.4 50.1 75.1



#63
1,4-Dichlorobenzene
Concen: 1.133 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU037076.D
Acq: 05 Mar 2020 12:25

Tgt Ion:146 Resp: 2922
Ion Ratio Lower Upper
146 100
111 49.4 29.8 55.4
148 76.0 45.1 83.9

