

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037080.D
 Acq On : 05 Mar 2020 13:57
 Operator : JC/MD
 Sample : L1780-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG4

Quant Time: Mar 06 00:26:14 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	252919	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80769	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.06%
7) Chloroethane-d5	1.93	69	81349	46.29	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.58%
11) 1,1-Dichloroethene-d2	2.59	63	113460	31.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.80%
21) 2-Butanone-d5	4.67	46	141643	99.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.42%
24) Chloroform-d	5.10	84	156349	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
26) 1,2-Dichloroethane-d4	5.74	65	109192	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.76	84	334738	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.72	67	112417	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.92	98	294666	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	8.20	79	45532	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.66	63	97426	87.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158166	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	12.21	152	88055	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%

Target Compounds

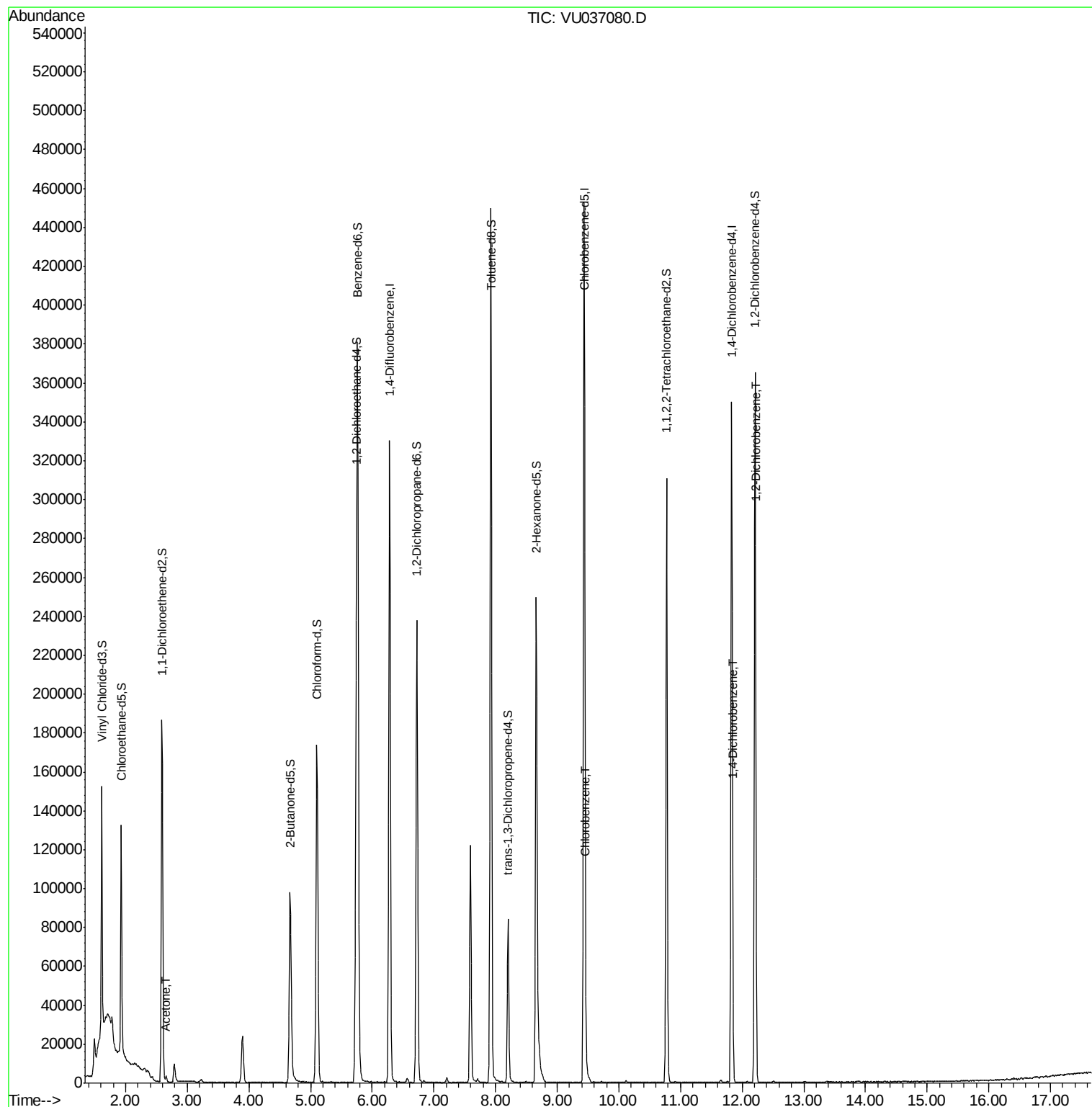
					Ovalue
13) Acetone	2.66	43	3292	2.246 ug/L	93
51) Chlorobenzene	9.47	112	7259	1.502 ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	3752	1.369 ug/L	93
65) 1,2-Dichlorobenzene	12.23	146	3359	1.213 ug/L #	87

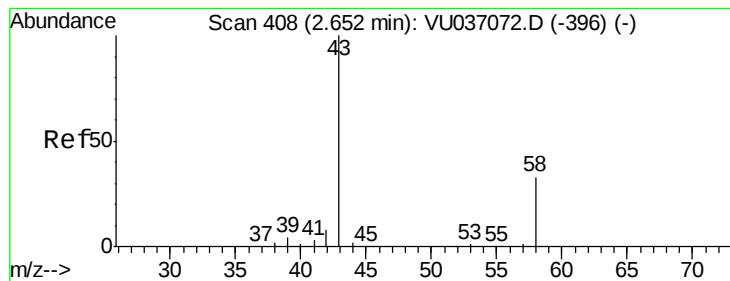
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030520\
Data File : VU037080.D
Acq On : 05 Mar 2020 13:57
Operator : JC/MD
Sample : L1780-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DG4

Quant Time: Mar 06 00:26:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.246 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037080.D

Acq: 05 Mar 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

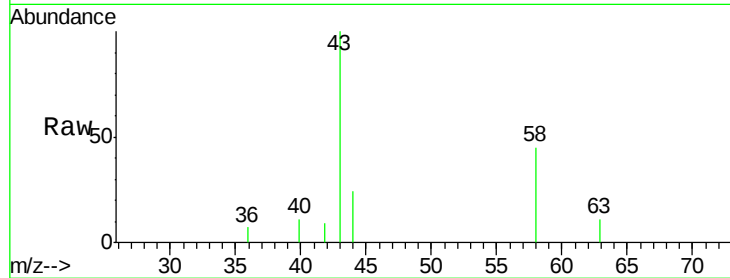
C0DG4

Tot Ion: 43 Resp: 3292

Ion Ratio Lower Upper

43 100

58 36.4 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

1500

1000

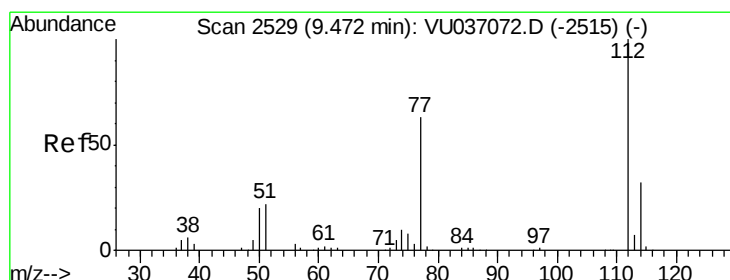
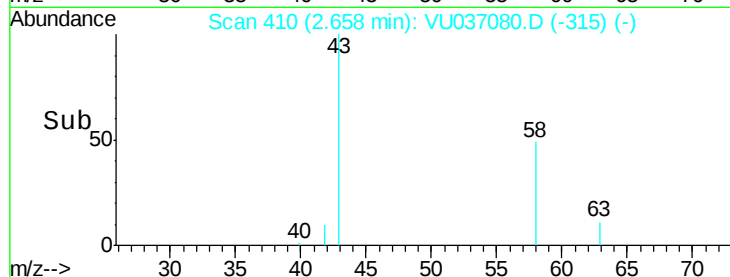
500

200

0

Time-->

2.60 2.65 2.70



#51

Chlorobenzene

Concen: 1.502 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037080.D

Acq: 05 Mar 2020 13:57

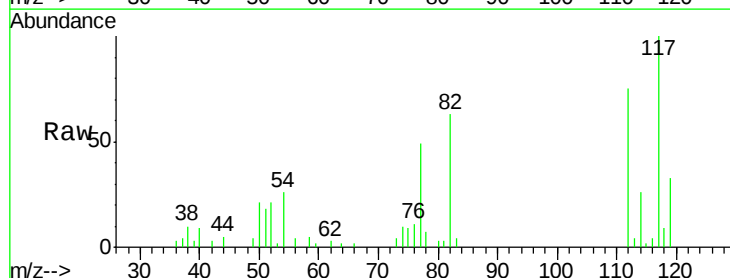
Tgt Ion: 112 Resp: 7259

Ion Ratio Lower Upper

112 100

114 35.3 22.3 41.5

77 65.0 50.1 75.1



Abundance Ion 112.00 (111.70 to 112.70): VU037072.D (-2515) (-)

Ion 114.00 (113.70 to 114.70): VU037072.D (-2515) (-)

Ion 77.00 (76.70 to 77.70): VU037072.D (-2515) (-)

9.47

6000

5000

4000

3000

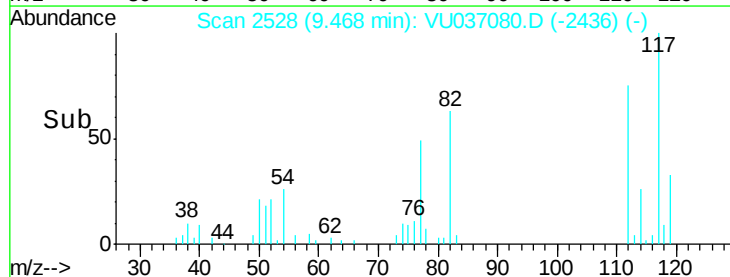
2000

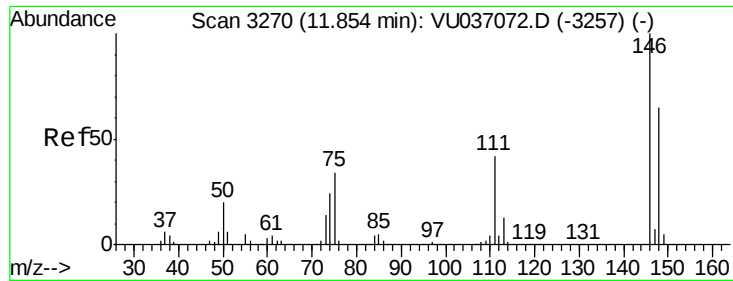
1000

0

Time-->

9.45 9.50

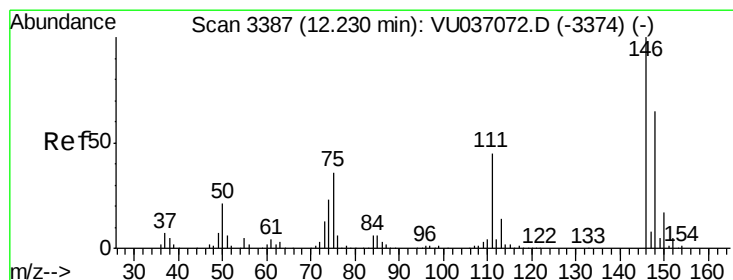
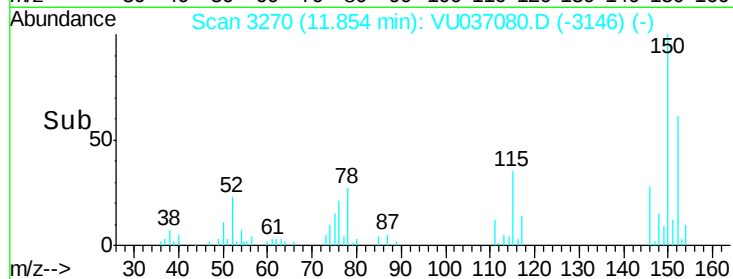
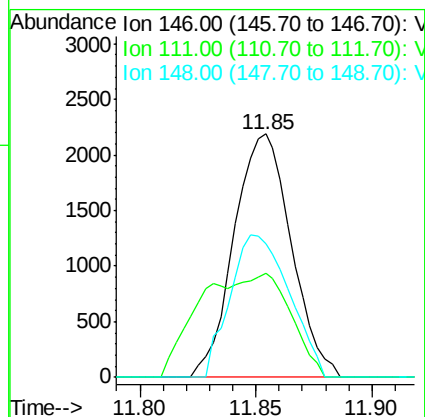
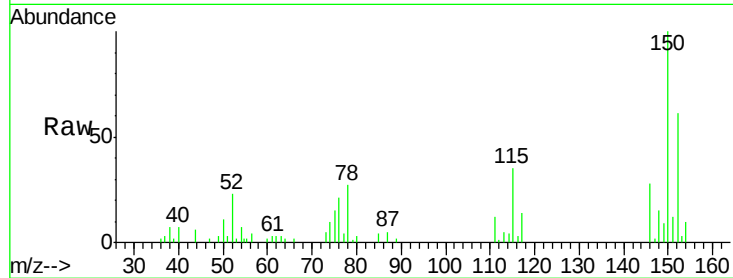




#63
 1,4-Dichlorobenzene
 Concen: 1.369 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037080.D
 Acq: 05 Mar 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG4

Tot Ion:146 Resp: 3752
 Ion Ratio Lower Upper
 146 100
 111 42.6 29.8 55.4
 148 54.9 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 1.213 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037080.D
 Acq: 05 Mar 2020 13:57

Tgt Ion:146 Resp: 3359
 Ion Ratio Lower Upper
 146 100
 111 54.2 35.4 53.0#
 148 54.4 50.5 75.7

