

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037074.D
 Acq On : 05 Mar 2020 11:40
 Operator : JC/MD
 Sample : L1784-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ4

Quant Time: Mar 05 23:52:03 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	252970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238912	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93779	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.28%
7) Chloroethane-d5	1.93	69	91171	51.87	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.74%
11) 1,1-Dichloroethene-d2	2.59	63	128212	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	4.67	46	140272	98.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.44%
24) Chloroform-d	5.11	84	174356	53.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.50%
26) 1,2-Dichloroethane-d4	5.74	65	121079	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
32) Benzene-d6	5.76	84	372262	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.76%
36) 1,2-Dichloropropane-d6	6.73	67	124385	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.14%
41) Toluene-d8	7.93	98	325779	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%
43) trans-1,3-Dichloropropene-	8.20	79	49974	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
47) 2-Hexanone-d5	8.66	63	95804	87.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167029	52.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.86%
64) 1,2-Dichlorobenzene-d4	12.21	152	94593	57.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.78%

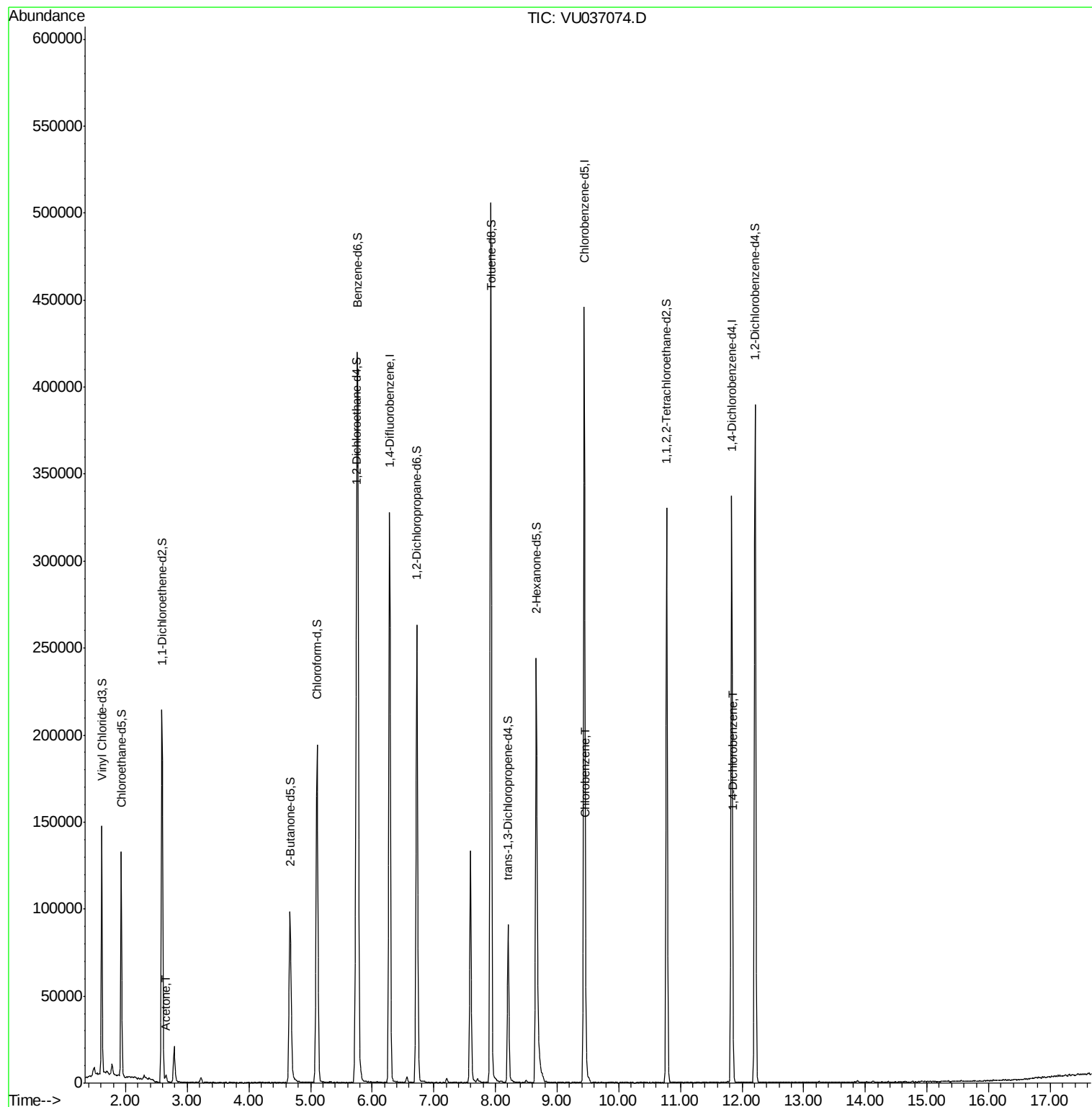
Target Compounds					Ovalue
13) Acetone	2.66	43	4342	2.962 ug/L	98
51) Chlorobenzene	9.47	112	5440	1.142 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	3218	1.191 ug/L	93

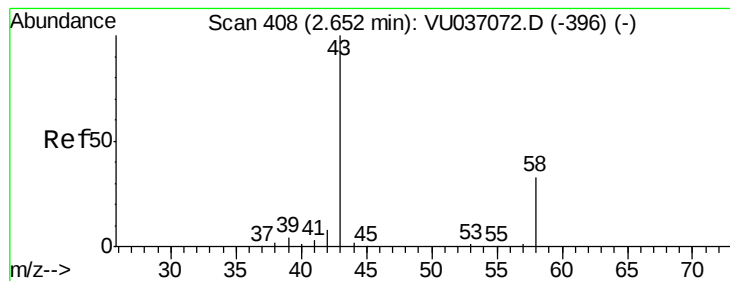
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.962 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Acq: 05 Mar 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

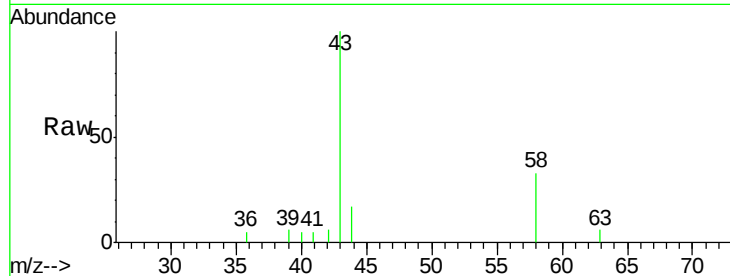
C0AZ4

Tot Ion: 43 Resp: 4342

Ion Ratio Lower Upper

43 100

58 31.3 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

2500

2000

1500

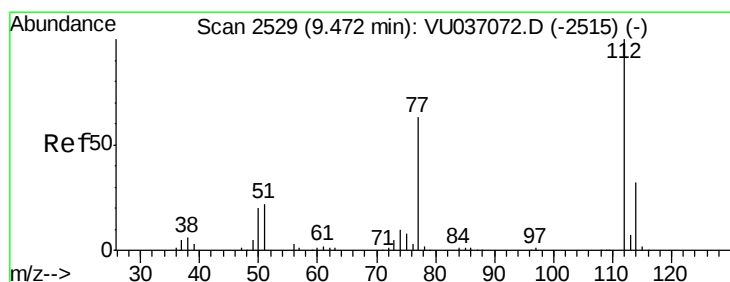
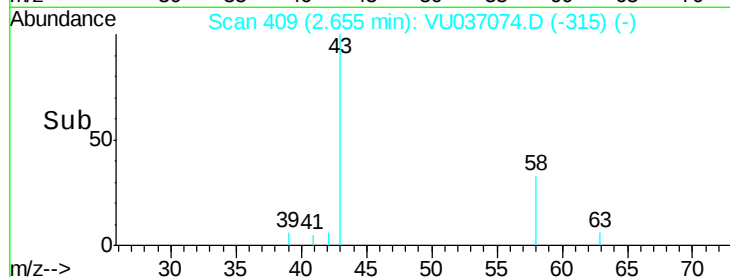
1000

500

0

Time-->

2.60 2.65 2.70



#51

Chlorobenzene

Concen: 1.142 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

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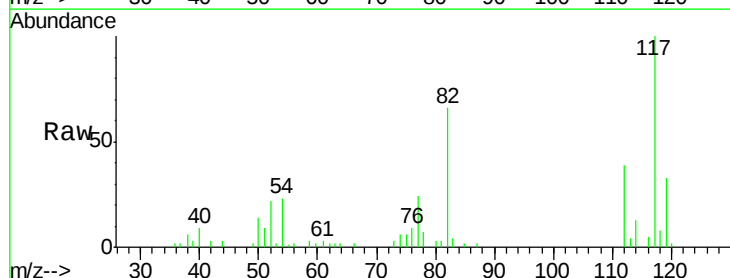
Tgt Ion: 112 Resp: 5440

Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 60.5 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

4000

3000

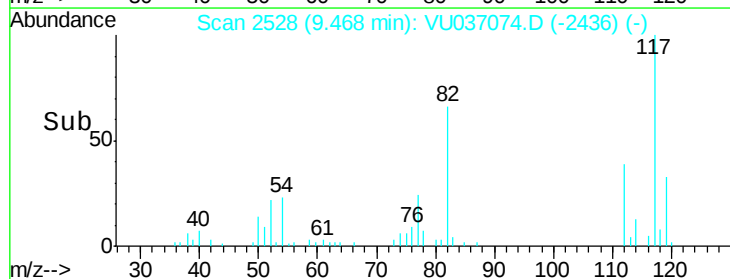
2000

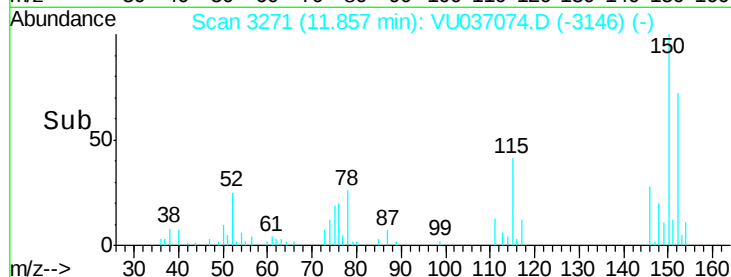
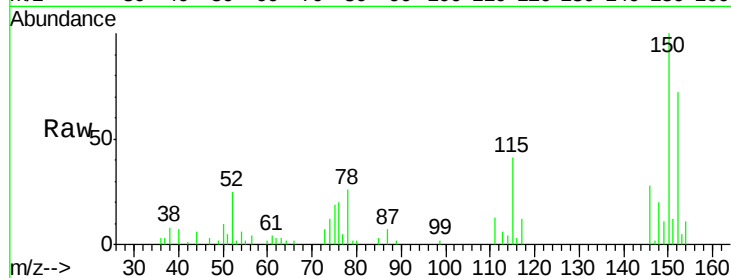
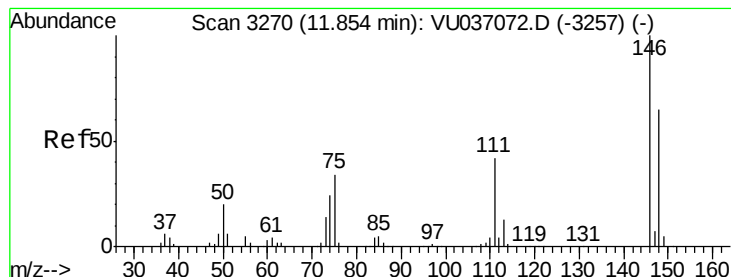
1000

0

Time-->

9.45 9.50





#63

1,4-Dichlorobenzene

Concen: 1.191 ug/L

RT: 11.86 min Scan# 3271

Delta R.T. 0.00 min

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Tot Ion:146 Resp: 3218

Ion Ratio Lower Upper

146 100

111 45.0 29.8 55.4

148 72.0 45.1 83.9

