

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037123.D
 Acq On : 06 Mar 2020 20:49
 Operator : JC/MD
 Sample : L1834-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH6

Quant Time: Mar 07 03:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89747	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.48%
7) Chloroethane-d5	1.93	69	82699	46.48	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.59	63	118258	32.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.68%
21) 2-Butanone-d5	4.67	46	144206	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.11	84	154514	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.74	65	108722	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.76	84	330869	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.72	67	110098	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.92	98	292226	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	43590	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
47) 2-Hexanone-d5	8.66	63	92518	82.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.33%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152965	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	82940	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%

Target Compounds

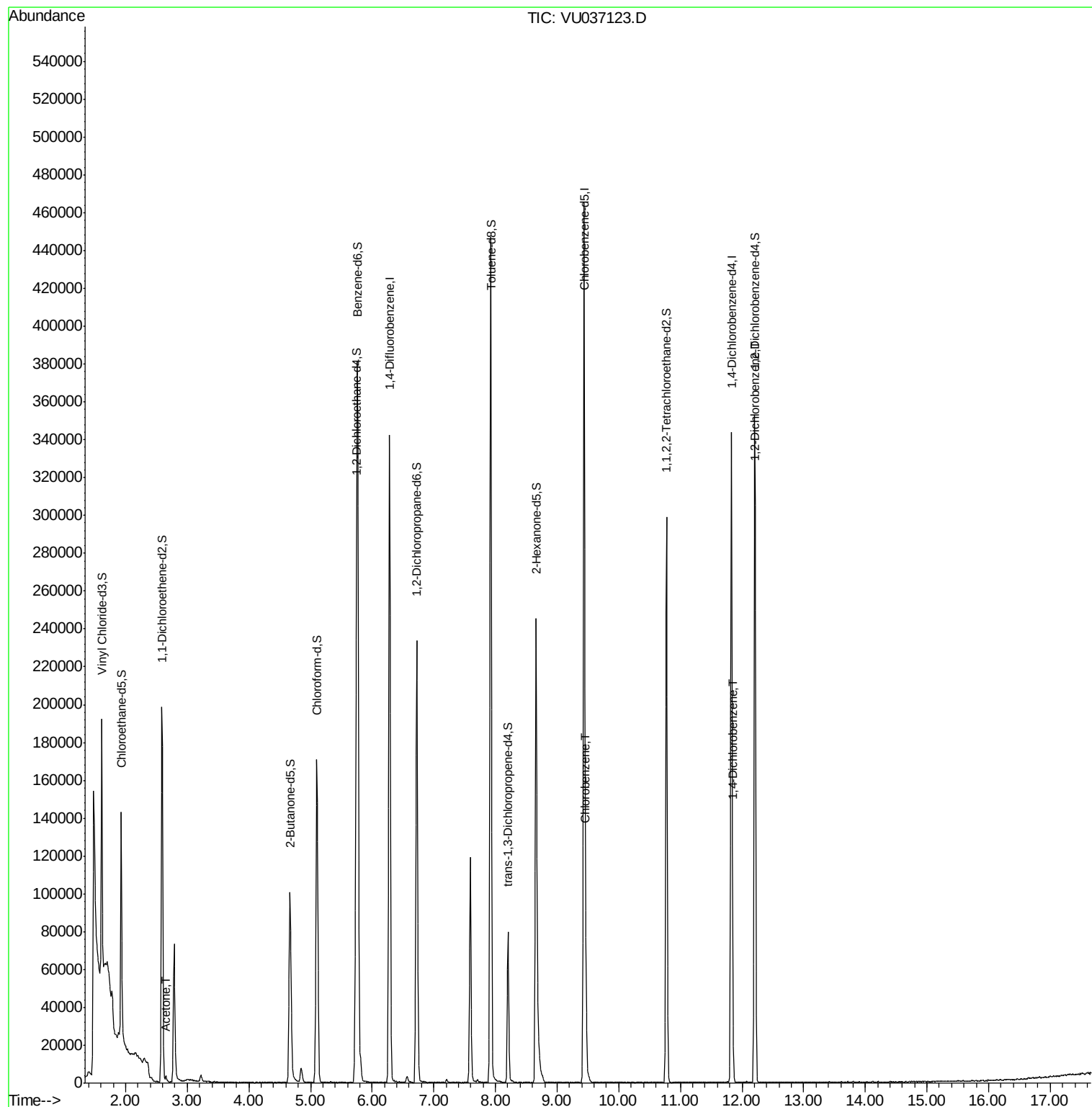
					Ovalue
13) Acetone	2.66	43	3232	2.179 ug/L	91
51) Chlorobenzene	9.47	112	25119	5.135 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	5300	1.938 ug/L	93
65) 1,2-Dichlorobenzene	12.22	146	2290	0.829 ug/L #	72

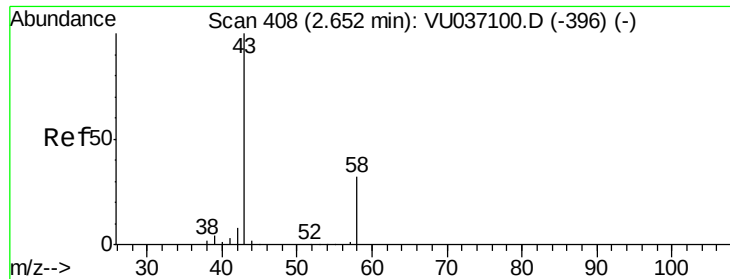
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.179 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037123.D

Acq: 06 Mar 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

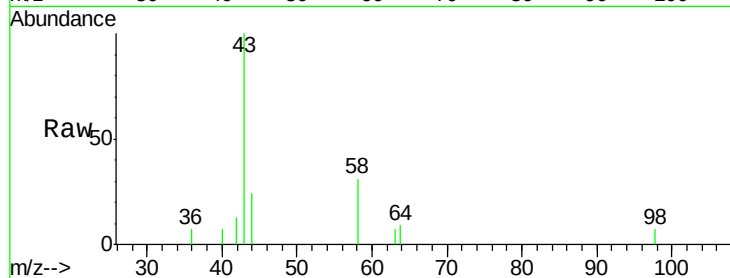
C0DH6

Tot Ion: 43 Resp: 3232

Ion Ratio Lower Upper

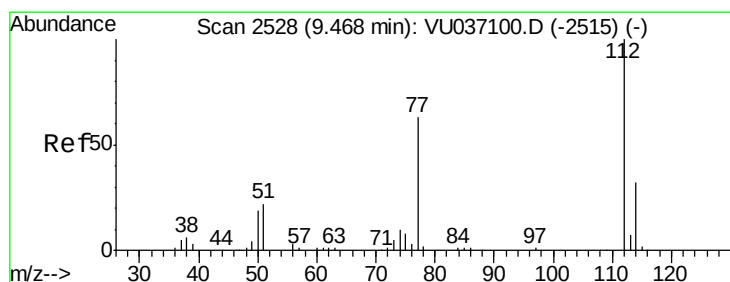
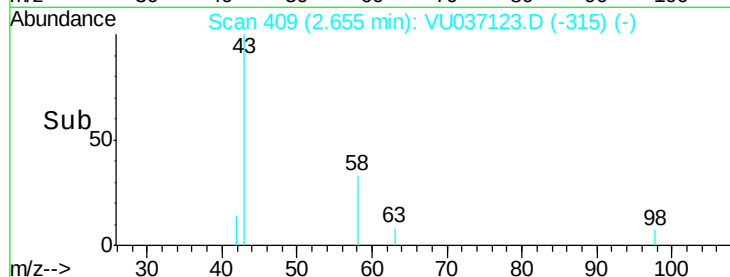
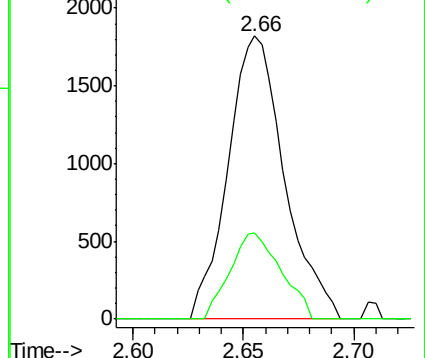
43 100

58 27.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037100.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037100.D (-396) (-)



#51

Chlorobenzene

Concen: 5.135 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037123.D

Acq: 06 Mar 2020 20:49

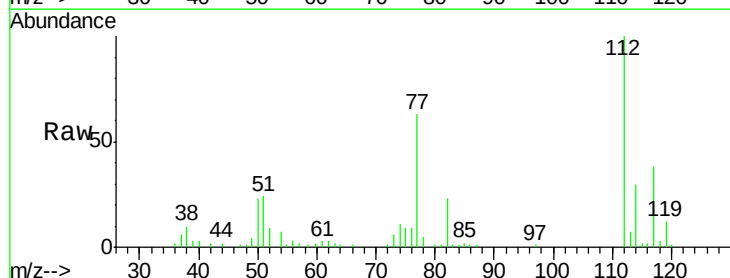
Tgt Ion: 112 Resp: 25119

Ion Ratio Lower Upper

112 100

114 29.8 22.3 41.5

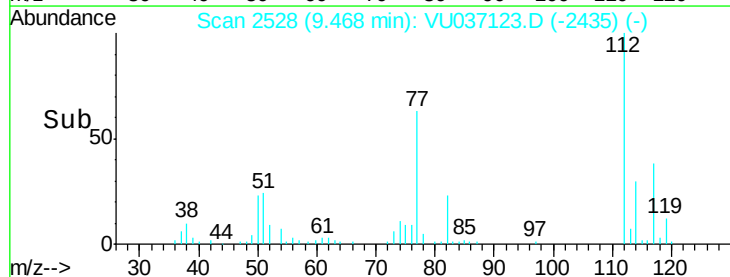
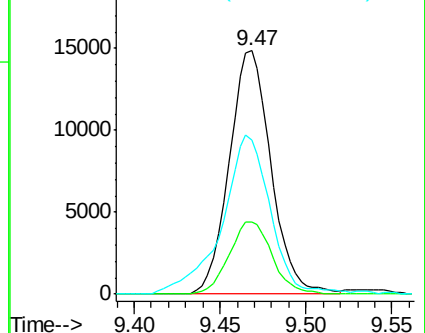
77 63.3 50.1 75.1

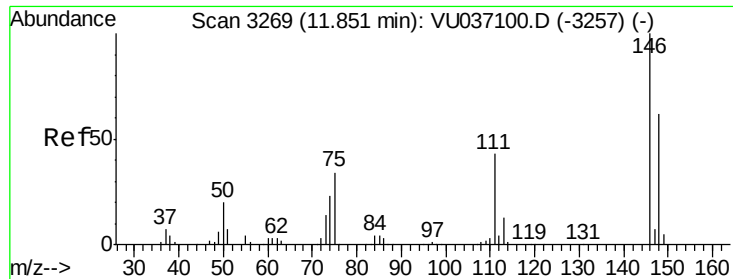


Abundance Ion 112.00 (111.70 to 112.70): VU037100.D (-2515) (-)

Ion 114.00 (113.70 to 114.70): VU037100.D (-2515) (-)

Ion 77.00 (76.70 to 77.70): VU037100.D (-2515) (-)





#63

1,4-Dichlorobenzene

Concen: 1.938 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037123.D

Acq: 06 Mar 2020 20:49

Instrument :

MSVOA_U

ClientSampled :

C0DH6

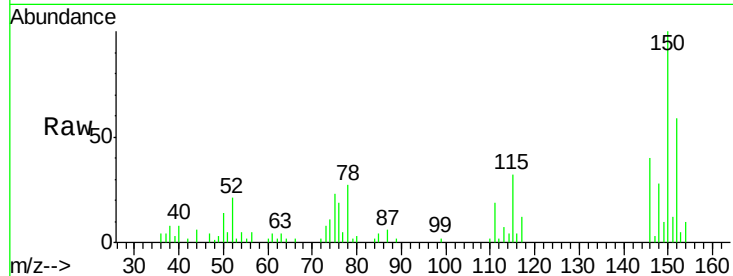
Tot Ion:146 Resp: 5300

Ion Ratio Lower Upper

146 100

111 46.9 29.8 55.4

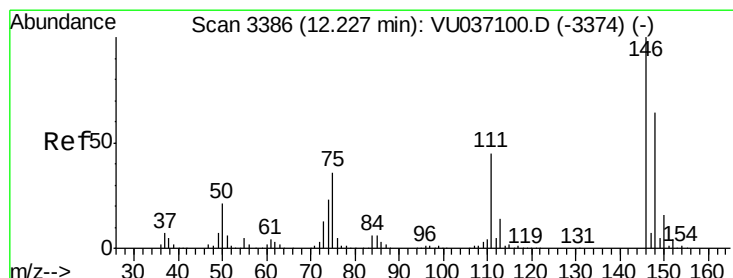
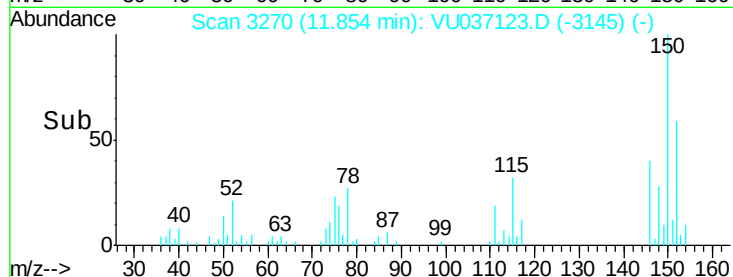
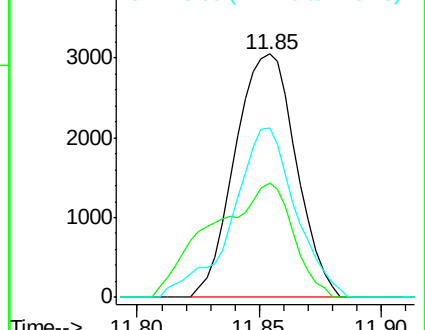
148 69.6 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.829 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU037123.D

Acq: 06 Mar 2020 20:49

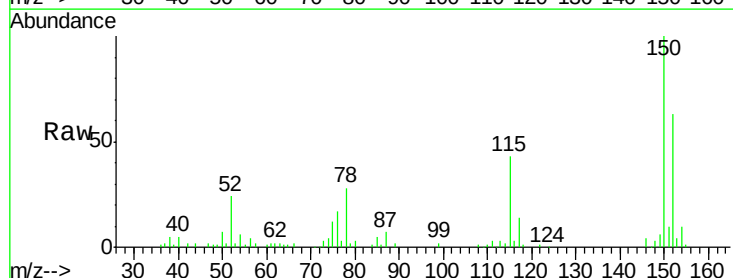
Tgt Ion:146 Resp: 2290

Ion Ratio Lower Upper

146 100

111 72.2 35.4 53.0#

148 76.9 50.5 75.7#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

