

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037124.D
 Acq On : 06 Mar 2020 21:12
 Operator : JC/MD
 Sample : L1834-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ9

Quant Time: Mar 07 03:05:21 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	257298	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86951	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.48%
7) Chloroethane-d5	1.93	69	83940	46.95	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.59	63	118174	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	4.67	46	133747	92.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.28%
24) Chloroform-d	5.11	84	155094	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	105777	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.76	84	332449	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.72	67	109557	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.92	98	291404	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	8.20	79	43279	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.76%
47) 2-Hexanone-d5	8.66	63	89077	79.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152307	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	12.21	152	84092	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%

Target Compounds

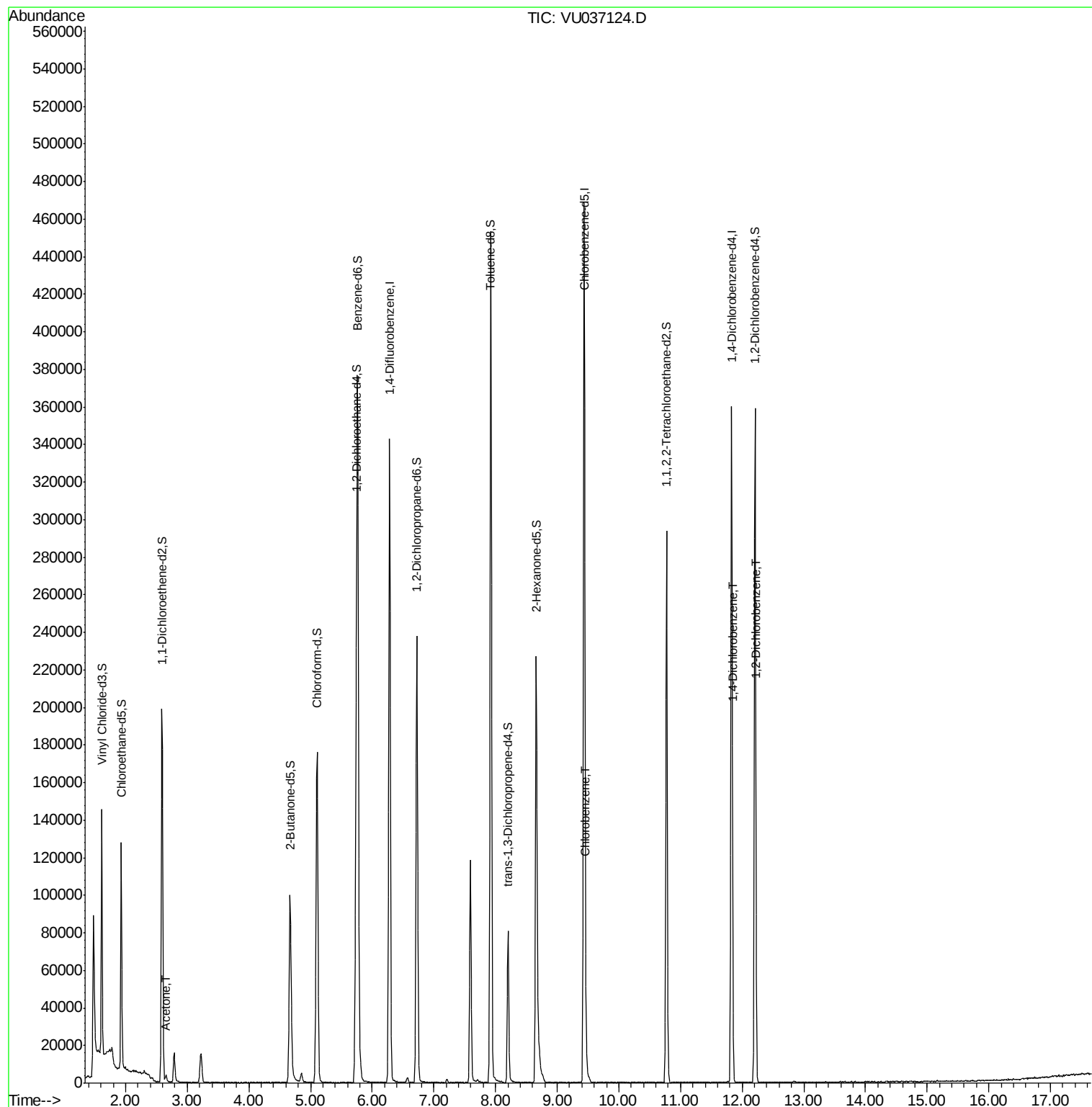
					Ovalue
13) Acetone	2.66	43	3622	2.430 ug/L	100
51) Chlorobenzene	9.47	112	11170	2.275 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	3299	1.172 ug/L #	86
65) 1,2-Dichlorobenzene	12.23	146	2571	0.904 ug/L	94

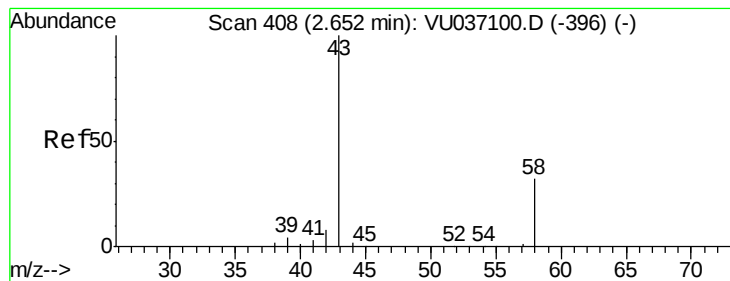
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.430 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

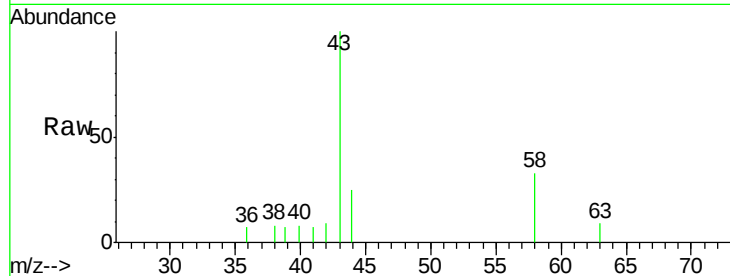
C0DJ9

Tot Ion: 43 Resp: 3622

Ion Ratio Lower Upper

43 100

58 32.3 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) (-)

2.66

2000

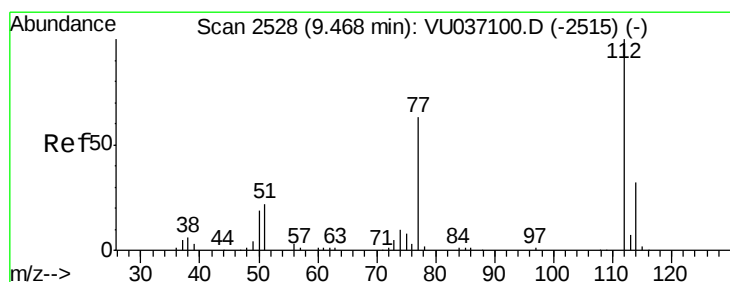
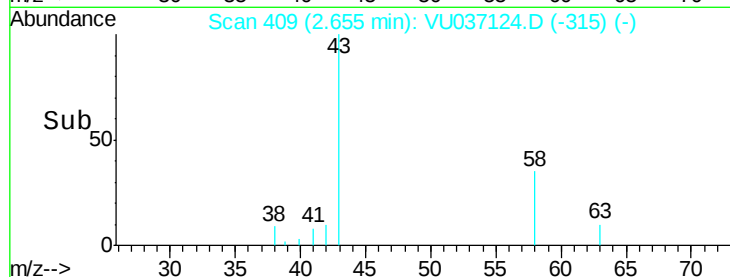
1500

1000

500

0

Time--> 2.60 2.65 2.70



#51

Chlorobenzene

Concen: 2.275 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

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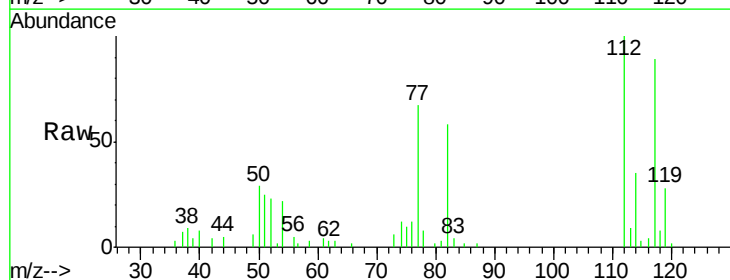
Tgt Ion: 112 Resp: 11170

Ion Ratio Lower Upper

112 100

114 34.5 22.3 41.5

77 67.4 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) (-)

9.47

8000

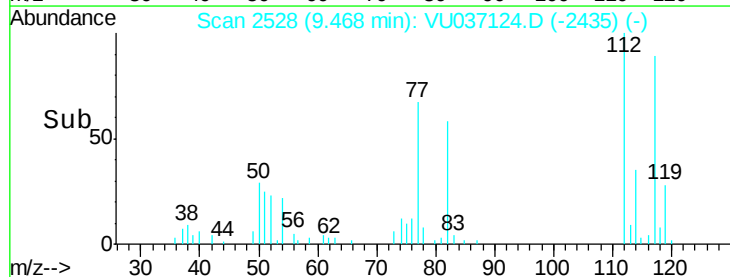
6000

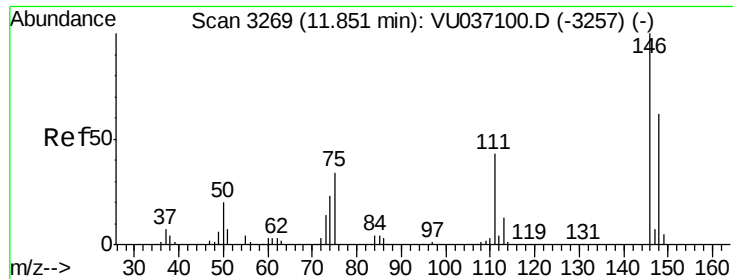
4000

2000

0

Time--> 9.40 9.45 9.50





#63

1,4-Dichlorobenzene

Concen: 1.172 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. 0.00 min

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ClientSampleId :

C0DJ9

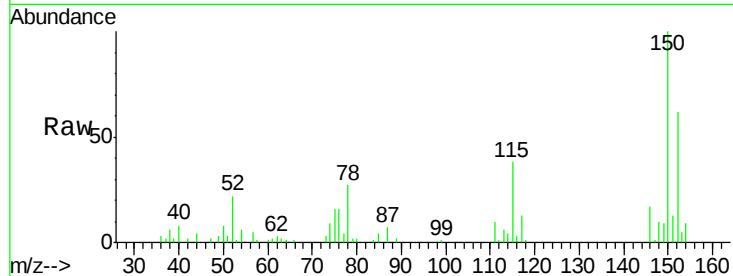
Tot Ion:146 Resp: 3299

Ion Ratio Lower Upper

146 100

111 58.1 29.8 55.4#

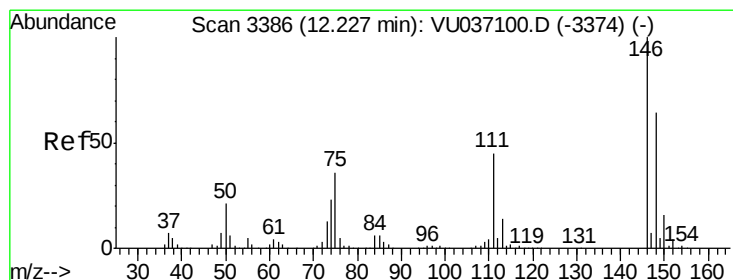
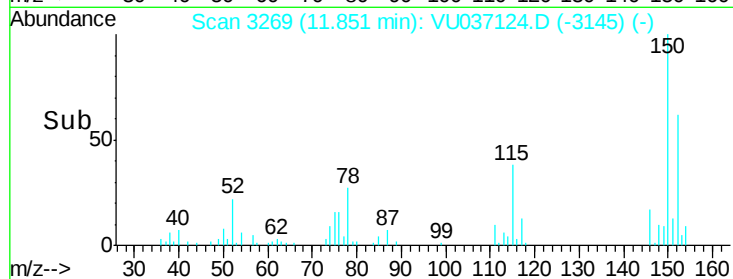
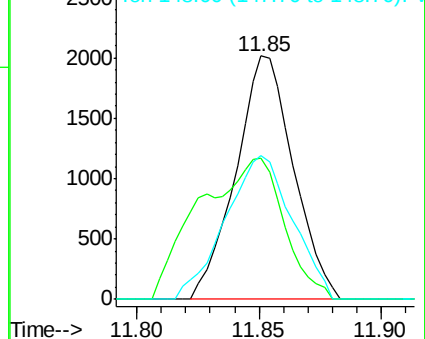
148 59.0 45.1 83.9



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: 0.904 ug/L

RT: 12.23 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU037124.D

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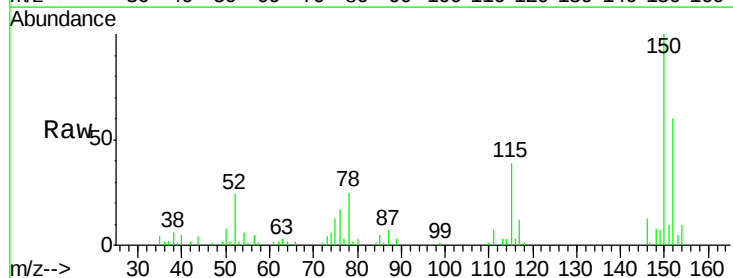
Tgt Ion:146 Resp: 2571

Ion Ratio Lower Upper

146 100

111 48.6 35.4 53.0

148 58.6 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

