

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037125.D
 Acq On : 06 Mar 2020 21:35
 Operator : JC/MD
 Sample : L1834-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DK0

Quant Time: Mar 07 03:11:31 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	259697	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82755	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.93	69	81938	45.41	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.59	63	116363	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	4.67	46	138823	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.11	84	154004	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.74	65	105654	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
32) Benzene-d6	5.76	84	326986	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
36) 1,2-Dichloropropane-d6	6.72	67	107955	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.36%
41) Toluene-d8	7.92	98	285584	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	8.20	79	42105	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.36%
47) 2-Hexanone-d5	8.66	63	88726	78.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.47%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	149545	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	81288	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

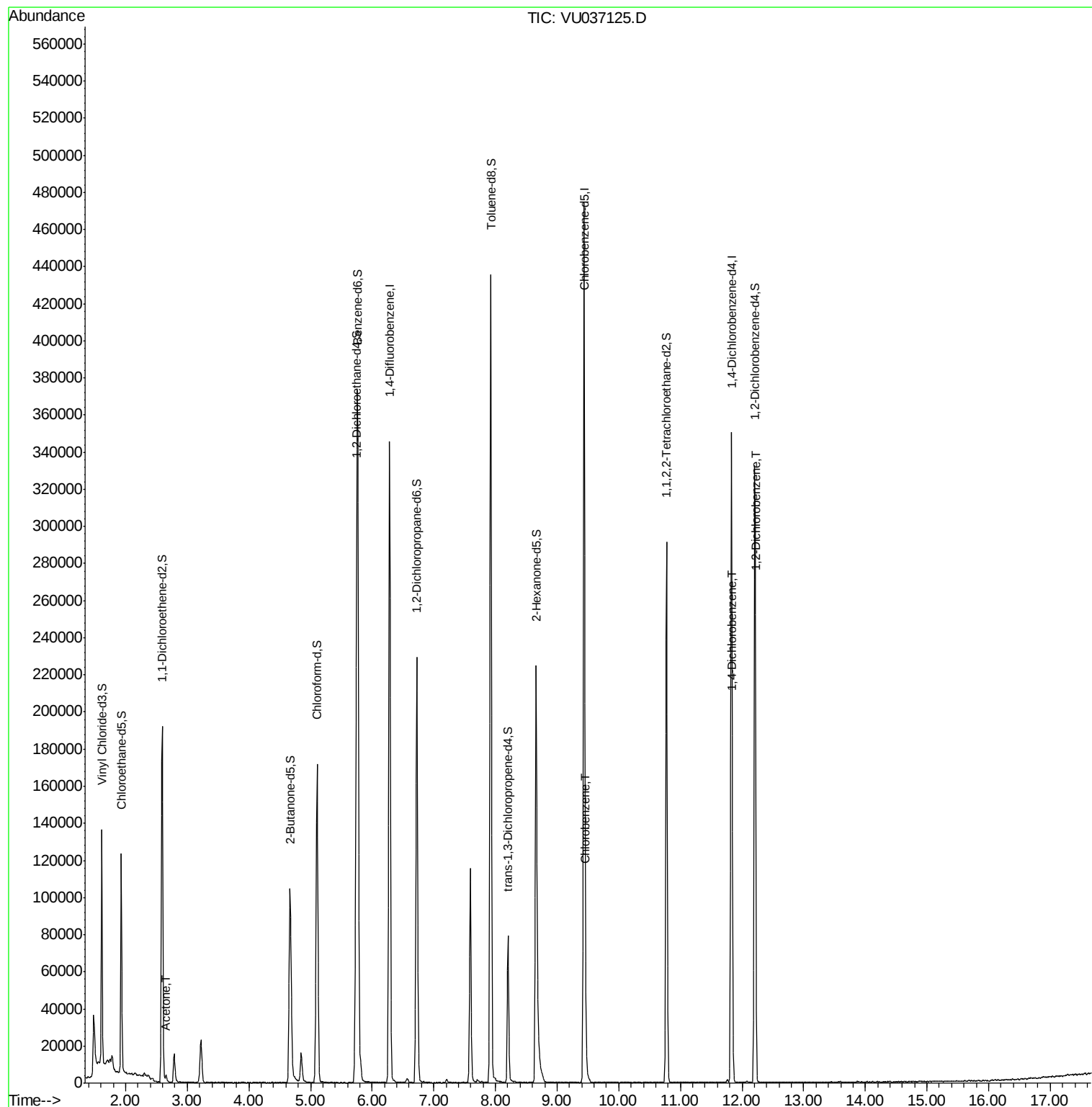
					Ovalue
13) Acetone	2.66	43	3963	2.634 ug/L	78
51) Chlorobenzene	9.47	112	9652	1.961 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	3991	1.458 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	2395	0.866 ug/L #	85

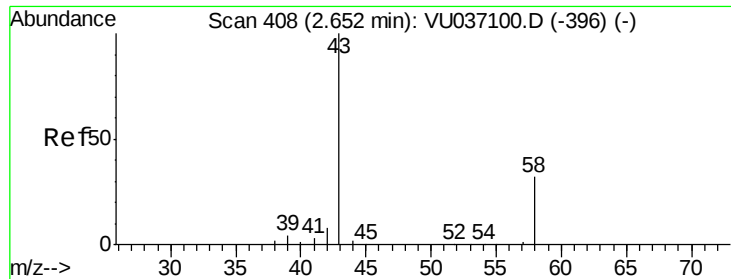
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.634 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037125.D

Acq: 06 Mar 2020 21:35

Instrument :

MSVOA_U

ClientSampleId :

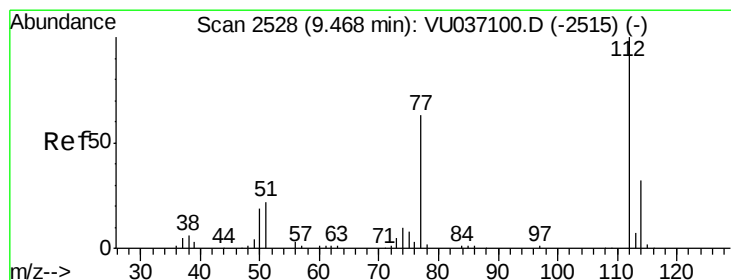
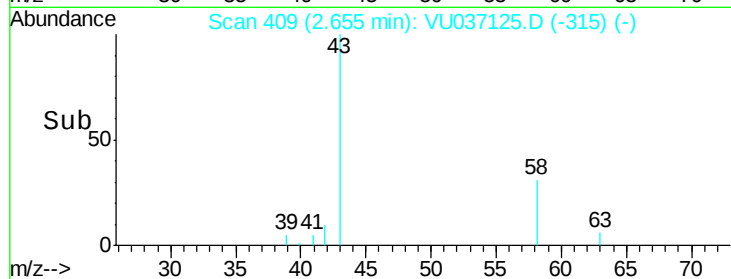
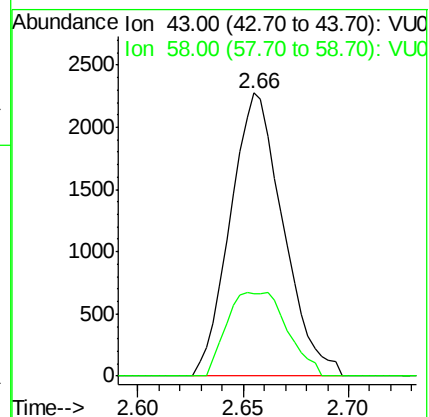
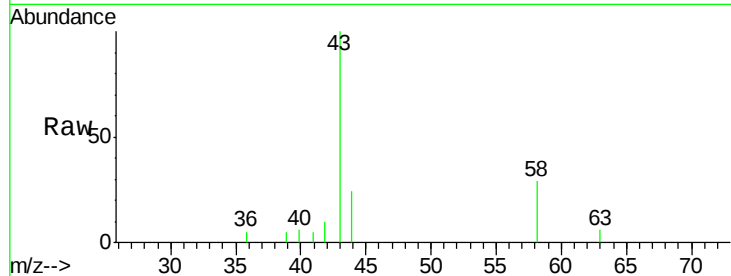
C0DK0

Tot Ion: 43 Resp: 3963

Ion Ratio Lower Upper

43 100

58 19.7 0.0 64.6



#51

Chlorobenzene

Concen: 1.961 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

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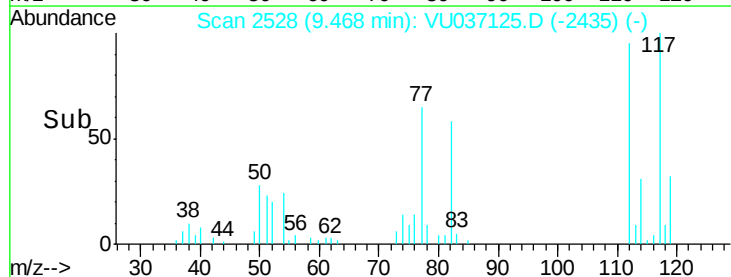
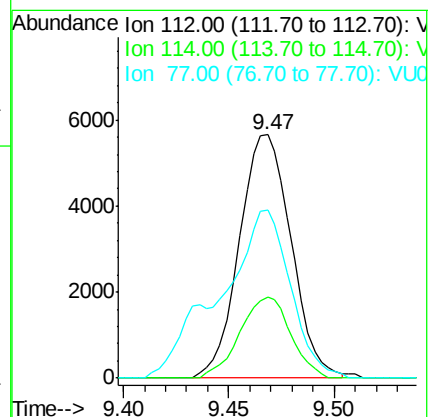
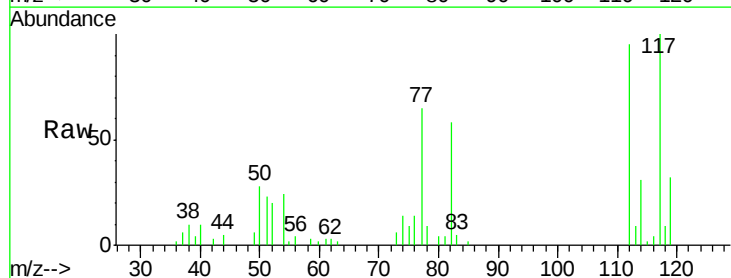
Tgt Ion: 112 Resp: 9652

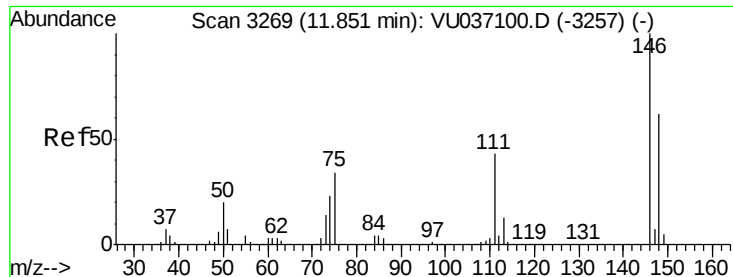
Ion Ratio Lower Upper

112 100

114 33.2 22.3 41.5

77 68.9 50.1 75.1





#63

1,4-Dichlorobenzene

Concen: 1.458 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

C0DK0

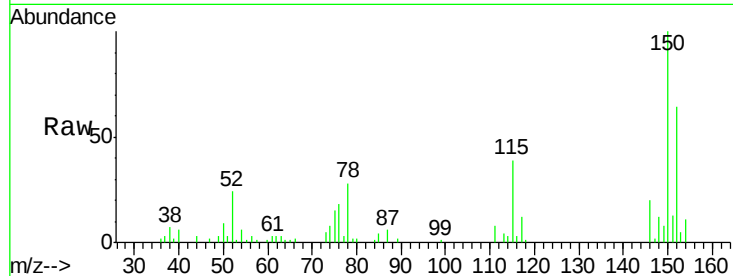
Tot Ion:146 Resp: 3991

Ion Ratio Lower Upper

146 100

111 41.9 29.8 55.4

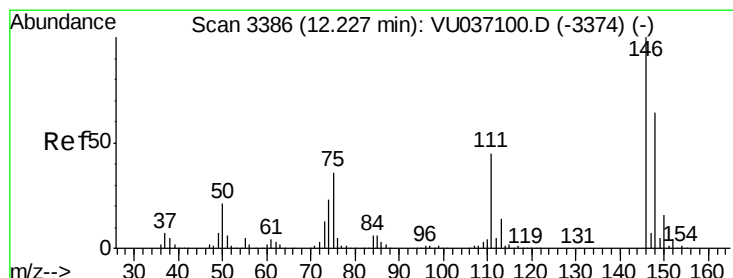
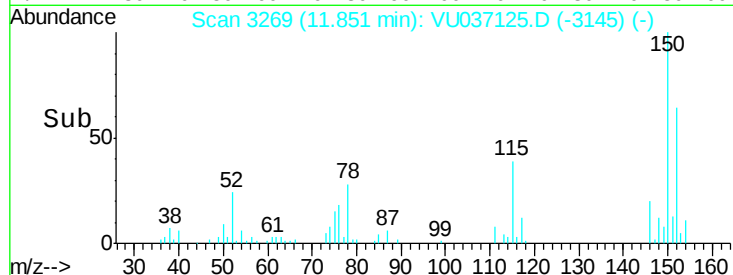
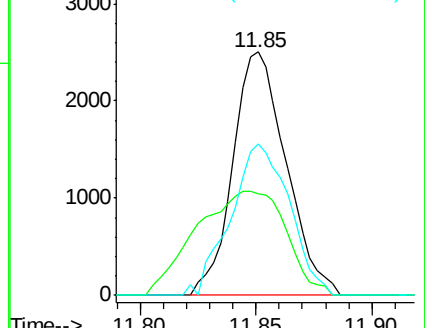
148 62.4 45.1 83.9



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: 0.866 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. 0.00 min

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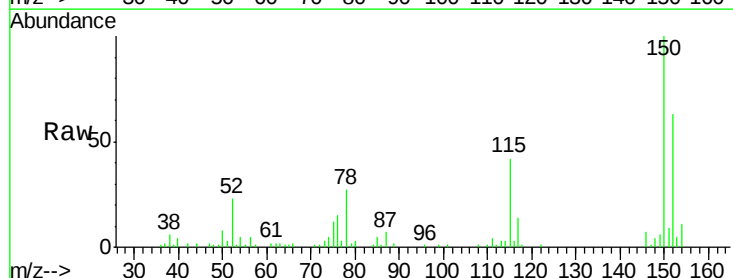
Tgt Ion:146 Resp: 2395

Ion Ratio Lower Upper

146 100

111 63.1 35.4 53.0#

148 59.6 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

