

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037041.D
 Acq On : 04 Mar 2020 16:16
 Operator : JC/MD
 Sample : L1780-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF8

Quant Time: Mar 05 01:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256902	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246058	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89092	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92663	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.93	69	88902	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.59	63	122153	33.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.62%
21) 2-Butanone-d5	4.67	46	144540	99.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	5.11	84	161694	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.74	65	111408	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.76	84	344821	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
36) 1,2-Dichloropropane-d6	6.72	67	114476	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.92	98	307558	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	8.20	79	45799	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.66	63	94407	83.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.75%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156561	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	91234	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

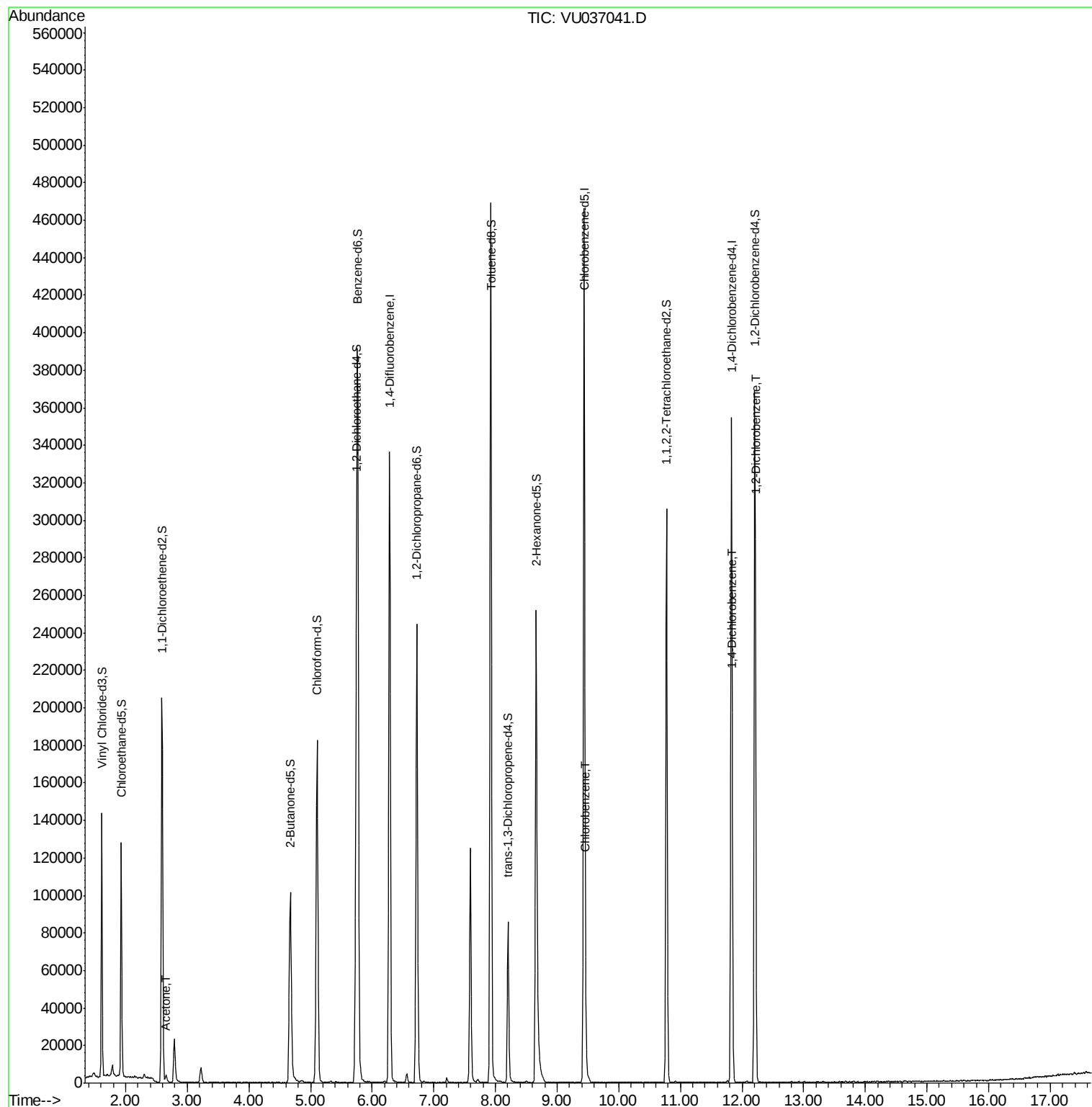
					Ovalue
13) Acetone	2.66	43	4063	2.730 ug/L	98
51) Chlorobenzene	9.47	112	8485	1.729 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	3961	1.387 ug/L	94
65) 1,2-Dichlorobenzene	12.23	146	5591	1.937 ug/L #	91

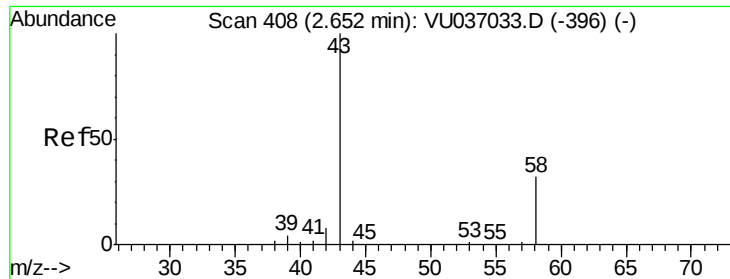
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.730 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

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ClientSampleId :

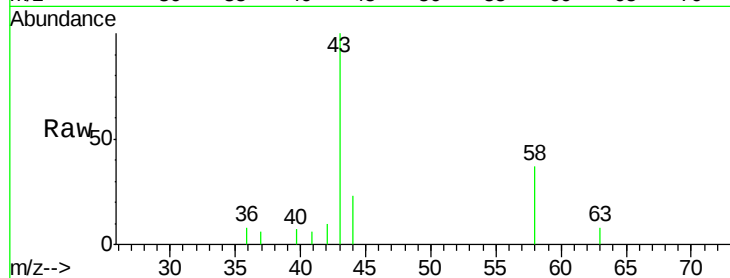
C0DF8

Tot Ion: 43 Resp: 4063

Ion Ratio Lower Upper

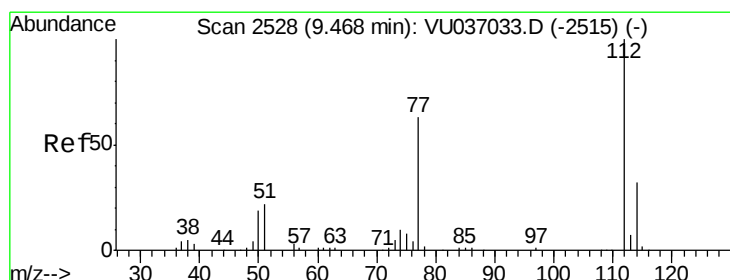
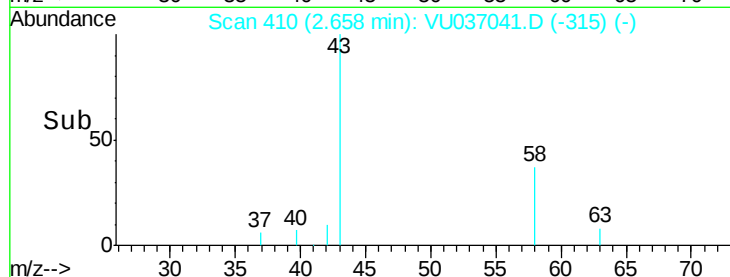
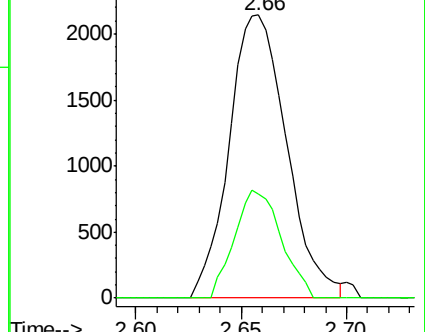
43 100

58 30.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037033.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037033.D (-396) (-)



#51

Chlorobenzene

Concen: 1.729 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037041.D

Acq: 04 Mar 2020 16:16

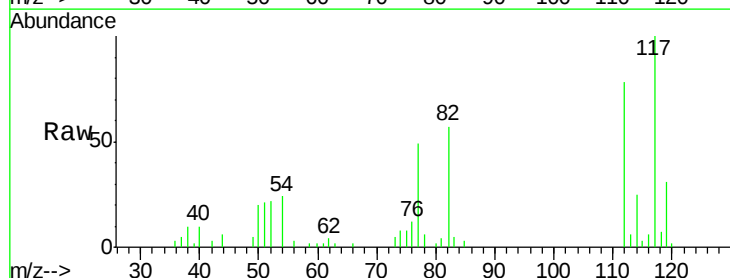
Tgt Ion: 112 Resp: 8485

Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

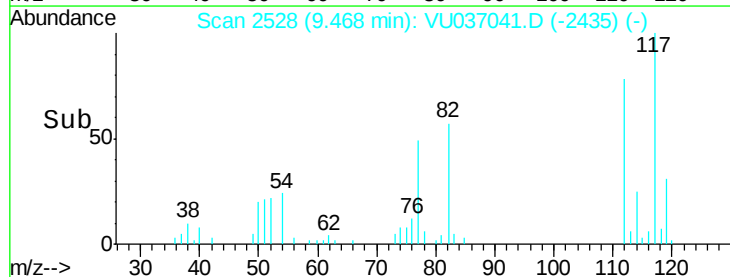
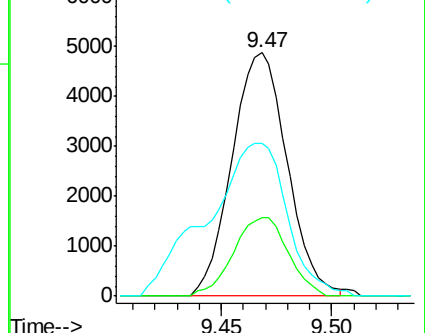
77 62.8 50.1 75.1

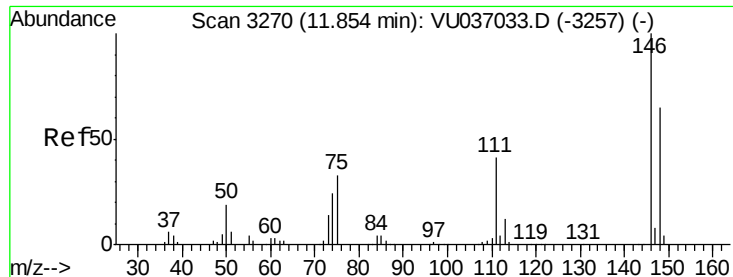


Abundance Ion 112.00 (111.70 to 112.70): VU037033.D (-2515) (-)

Ion 114.00 (113.70 to 114.70): VU037033.D (-2515) (-)

Ion 77.00 (76.70 to 77.70): VU037033.D (-2515) (-)





#63

1,4-Dichlorobenzene

Concen: 1.387 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

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C0DF8

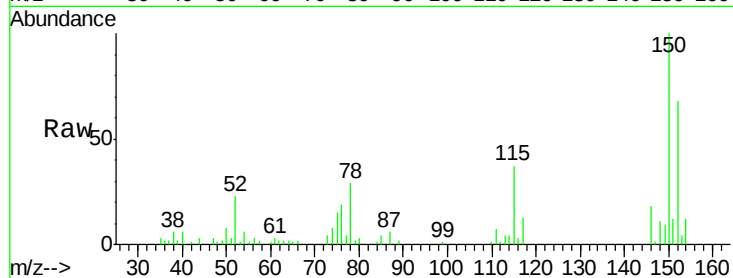
Tot Ion:146 Resp: 3961

Ion Ratio Lower Upper

146 100

111 37.9 29.8 55.4

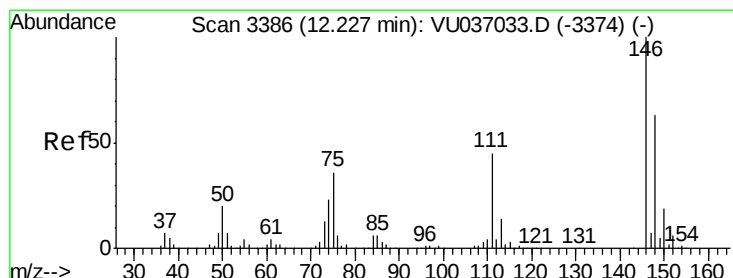
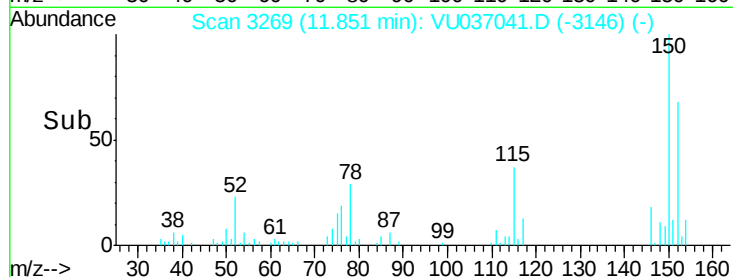
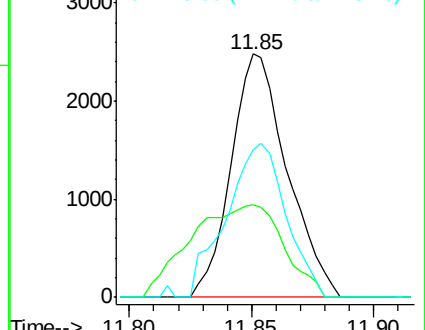
148 60.4 45.1 83.9



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: 1.937 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU037041.D

Acq: 04 Mar 2020 16:16

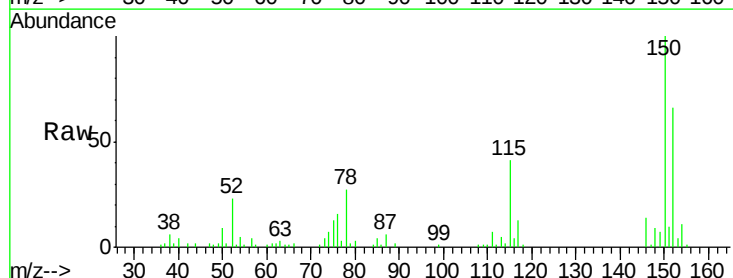
Tgt Ion:146 Resp: 5591

Ion Ratio Lower Upper

146 100

111 53.5 35.4 53.0#

148 67.8 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

