

Data File : VU036954.D
Acq On : 27 Feb 2020 19:36
Operator : JC/MD
Sample : L1708-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C98

Quant Time: Feb 27 22:05:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	259424	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75769	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.56%
7) Chloroethane-d5	1.93	69	74405	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.56%
11) 1,1-Dichloroethene-d2	2.59	63	103742	28.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.88%#
21) 2-Butanone-d5	4.67	46	148456	101.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.59%
24) Chloroform-d	5.11	84	148094	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.74	65	102672	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
32) Benzene-d6	5.76	84	316052	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.72	67	106489	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.34%
41) Toluene-d8	7.93	98	282449	42.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.52%
43) trans-1,3-Dichloropropene-	8.20	79	44183	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.66	63	107277	95.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151536	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	86114	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

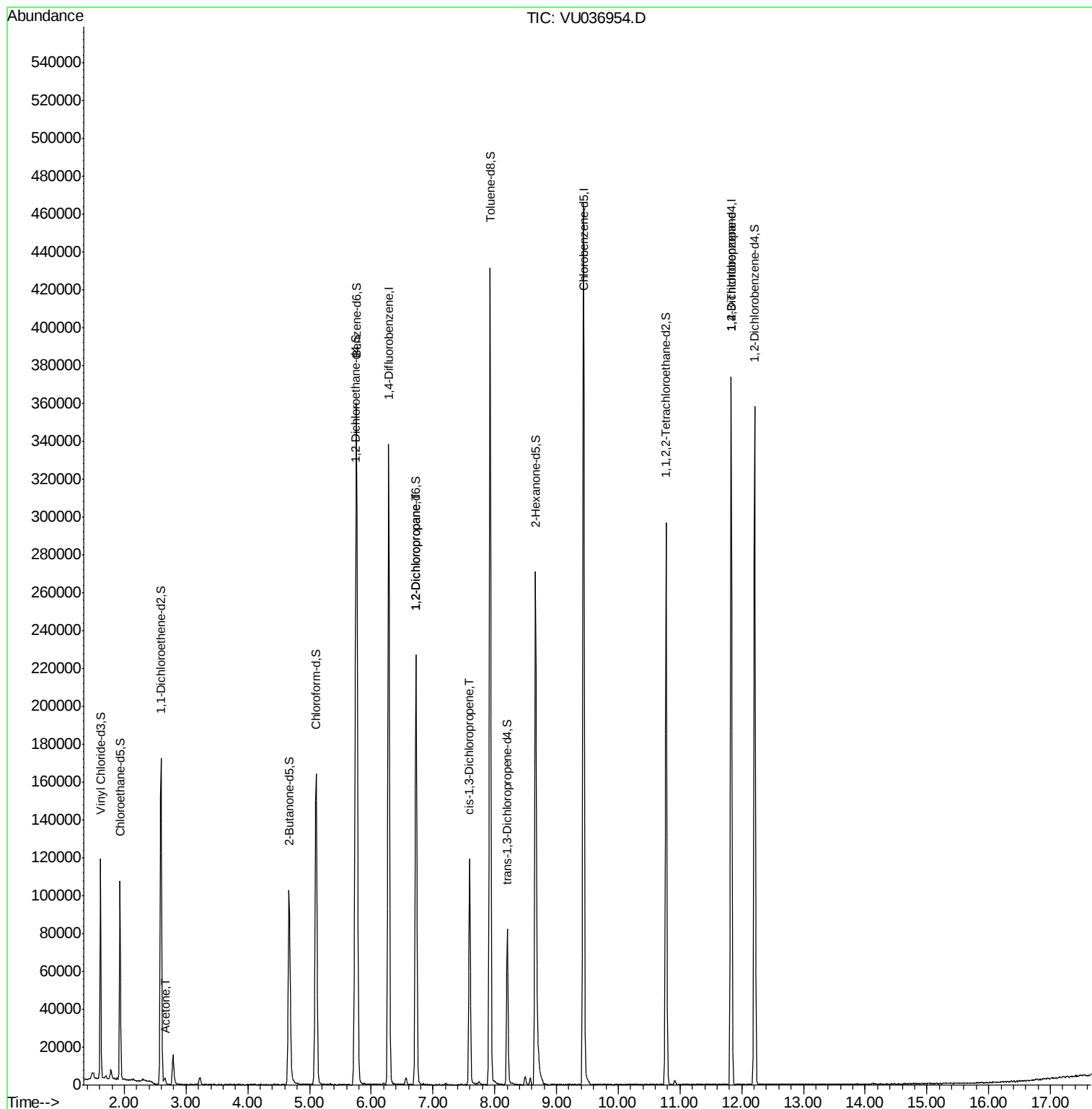
Target Compounds					Qvalue
13) Acetone	2.66	43	3840	2.555 ug/L	98
37) 1,2-Dichloropropane	6.72	63	12025	5.742 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2916	0.904 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	13584	5.042 ug/L	97

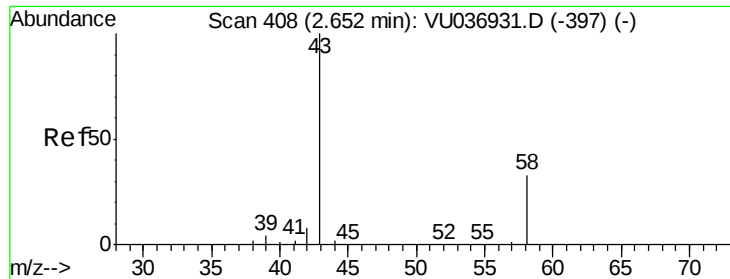
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.555 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

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ClientSampleId :

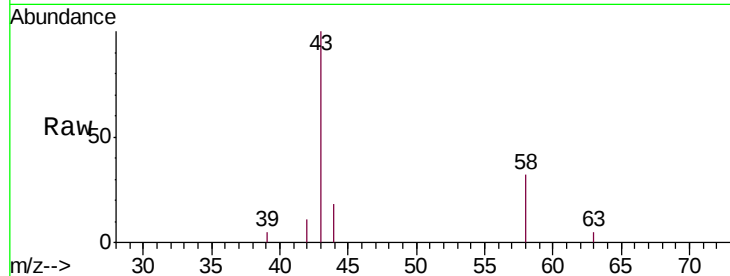
C0C98

Tgt Ion: 43 Resp: 3840

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036931.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036931.D (-397) (-)

2.66

2000

1500

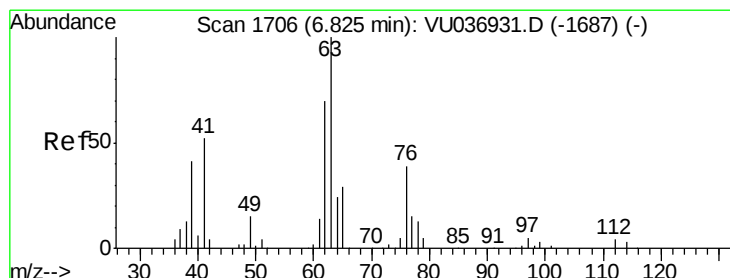
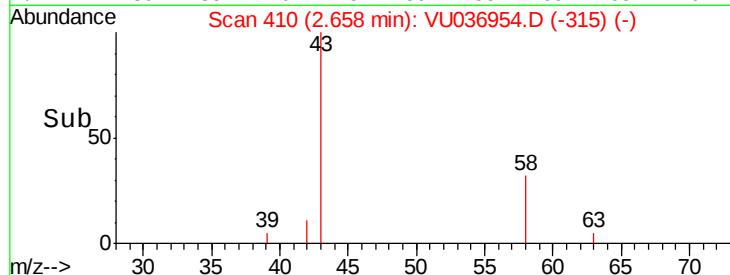
1000

500

0

Time-->

2.60 2.65 2.70



#37

1,2-Dichloropropane

Concen: 5.742 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036954.D

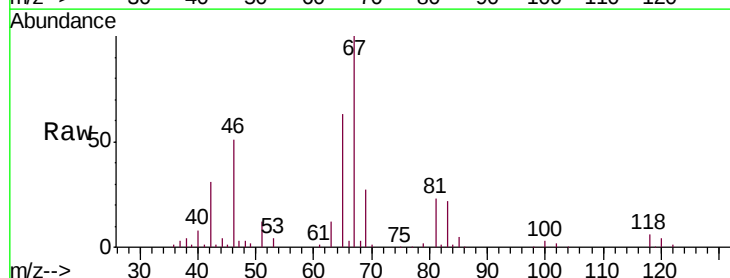
Acq: 27 Feb 2020 19:36

Tgt Ion: 63 Resp: 12025

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036931.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU036931.D (-1687) (-)

6.72

6000

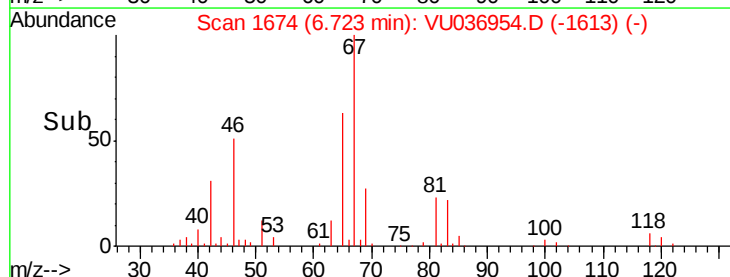
4000

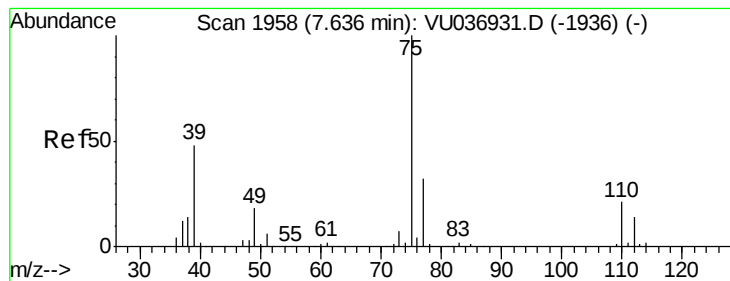
2000

0

Time-->

6.65 6.70 6.75





#39

cis-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

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ClientSampleId :

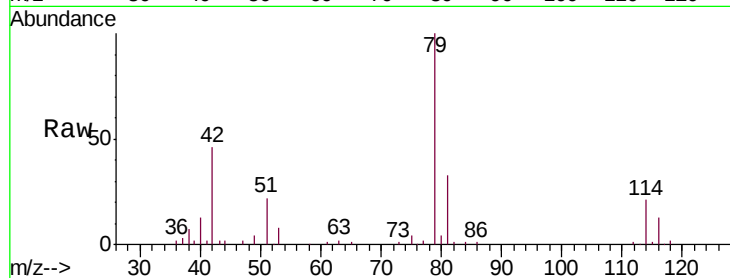
C0C98

Tgt Ion: 75 Resp: 2916

Ion Ratio Lower Upper

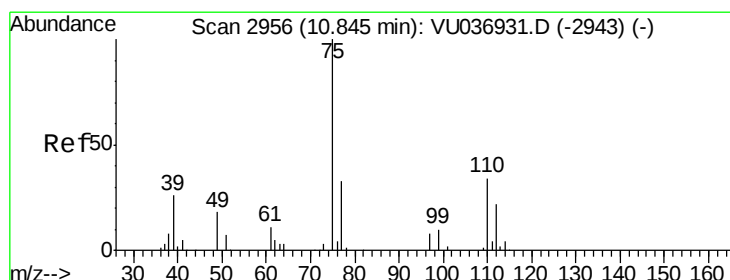
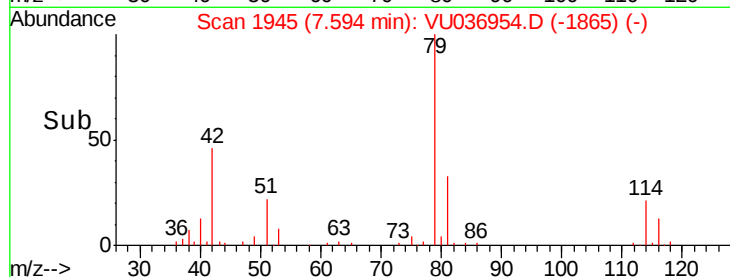
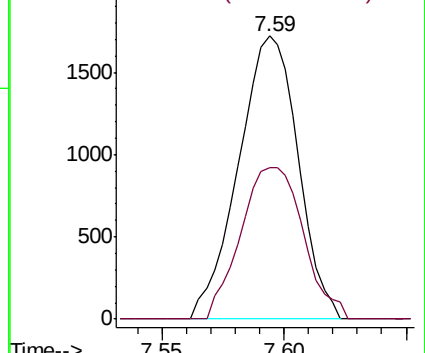
75 100

77 53.7 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.042 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

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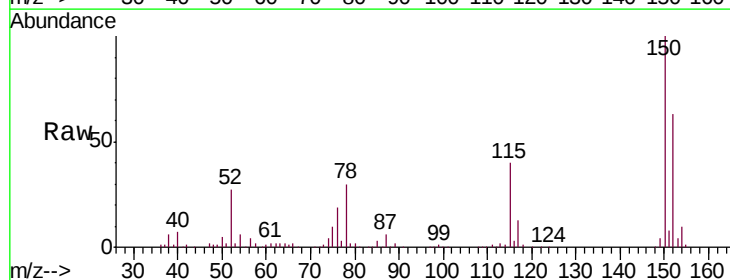
Acq: 27 Feb 2020 19:36

Tgt Ion: 75 Resp: 13584

Ion Ratio Lower Upper

75 100

77 34.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

