

Data File : VU036984.D
Acq On : 28 Feb 2020 19:40
Operator : JC/MD
Sample : L1729-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW4

Quant Time: Feb 29 00:36:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	244226	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	231046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81821	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.78%
7) Chloroethane-d5	1.93	69	76540	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	108276	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.67	46	147288	107.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	5.11	84	149536	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
26) 1,2-Dichloroethane-d4	5.74	65	104303	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.76	84	326164	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	6.72	67	107662	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	7.93	98	293621	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	8.20	79	45090	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.66	63	105517	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152074	49.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	89581	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%

Target Compounds

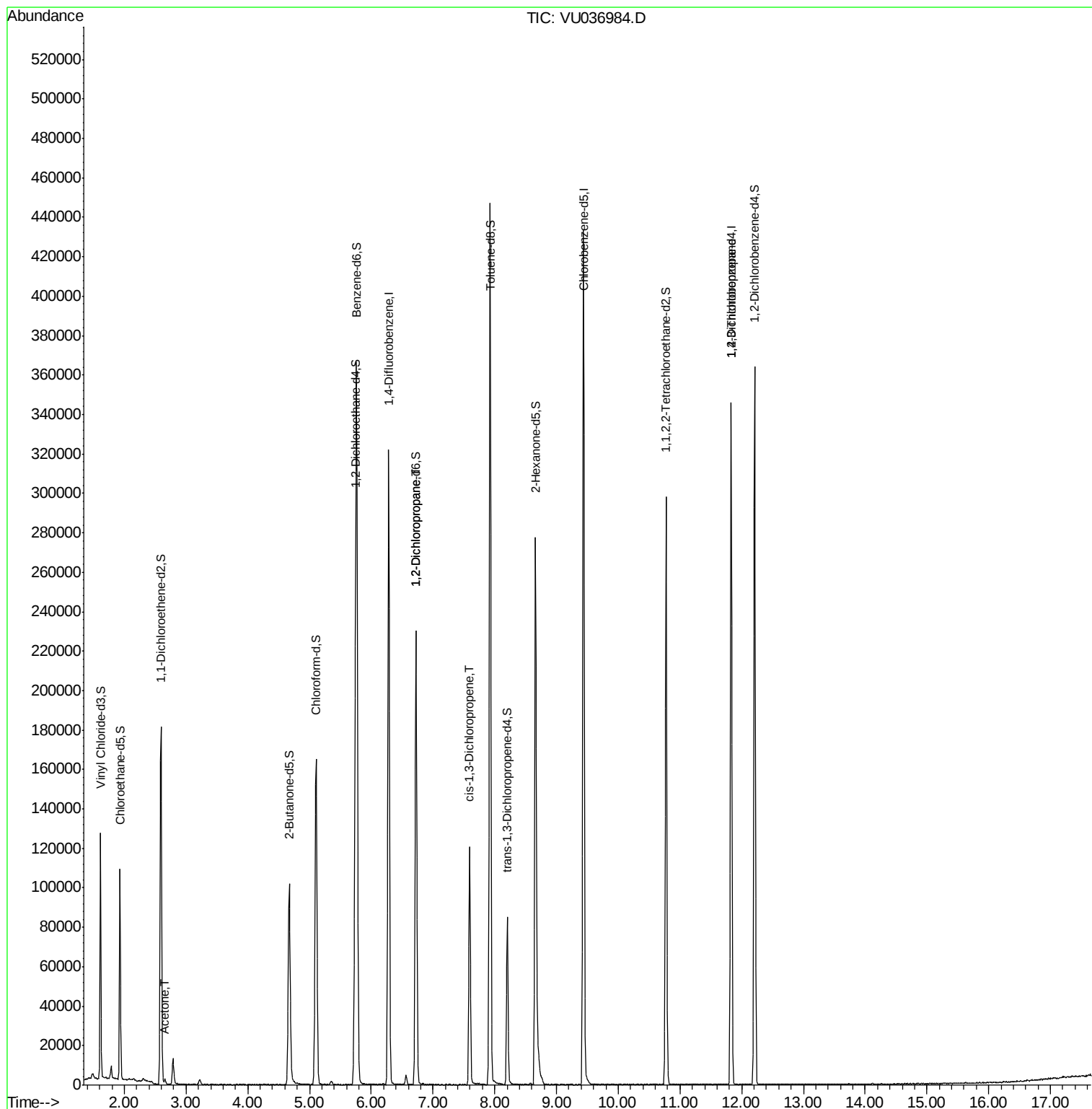
					Qvalue
13) Acetone	2.66	43	2977	2.104 ug/L	89
37) 1,2-Dichloropropane	6.72	63	11879	6.044 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2743	0.906 ug/L #	79
59) 1,2,3-Trichloropropane	11.83	75	12762	5.048 ug/L	93

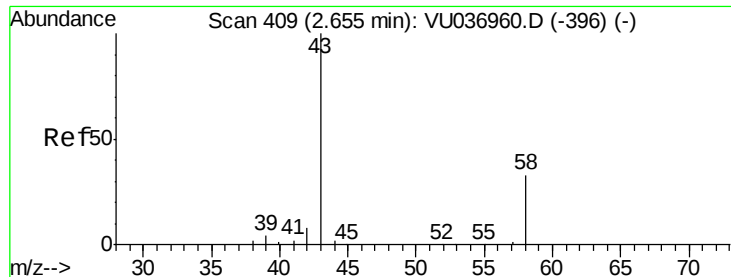
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.104 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

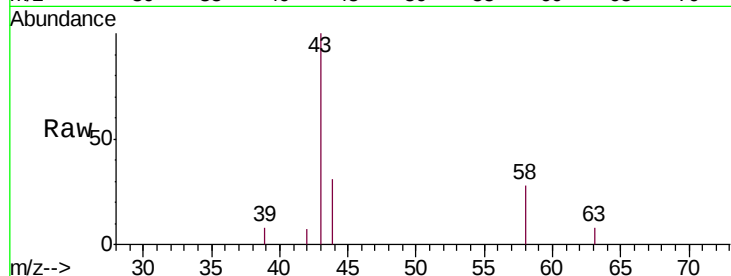
C0AW4

Tgt Ion: 43 Resp: 2977

Ion Ratio Lower Upper

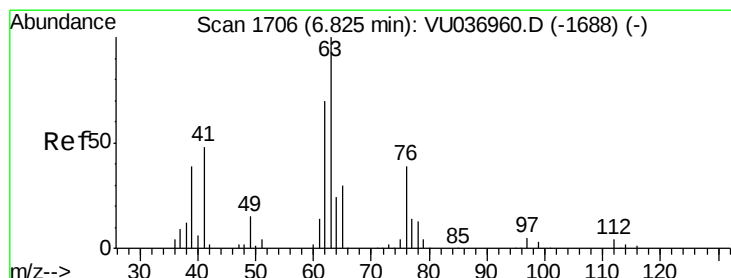
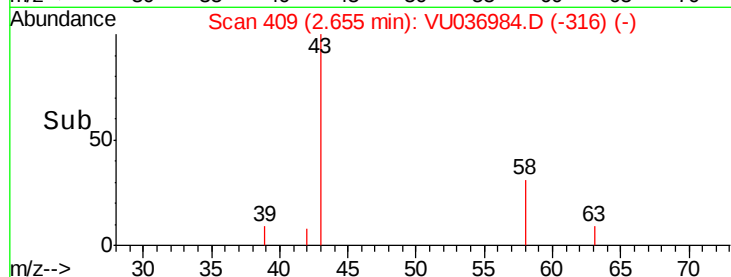
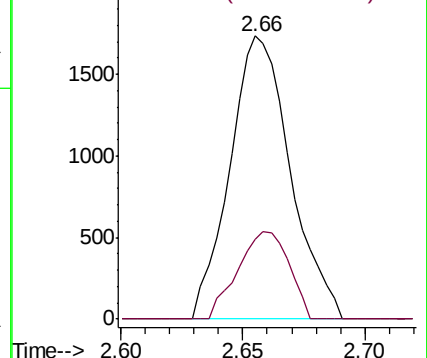
43 100

58 26.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036984.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036984.D (-316) (-)



#37

1,2-Dichloropropane

Concen: 6.044 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036984.D

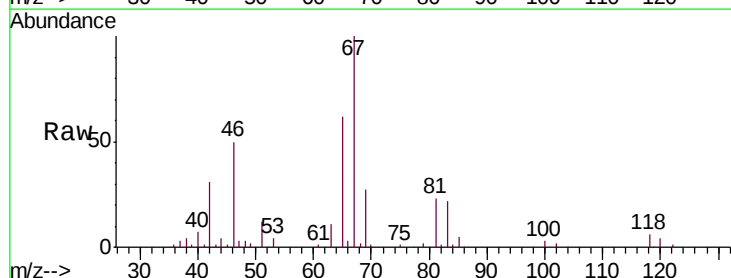
Acq: 28 Feb 2020 19:40

Tgt Ion: 63 Resp: 11879

Ion Ratio Lower Upper

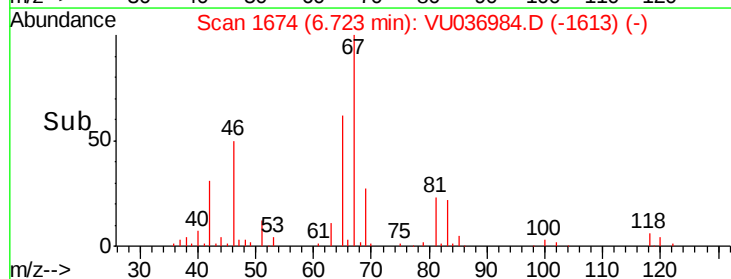
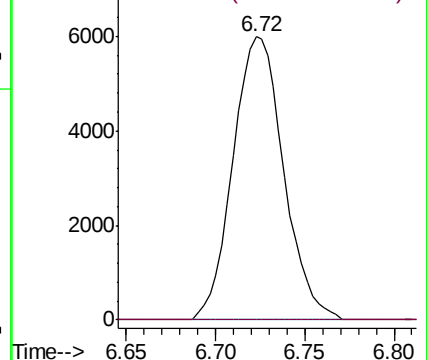
63 100

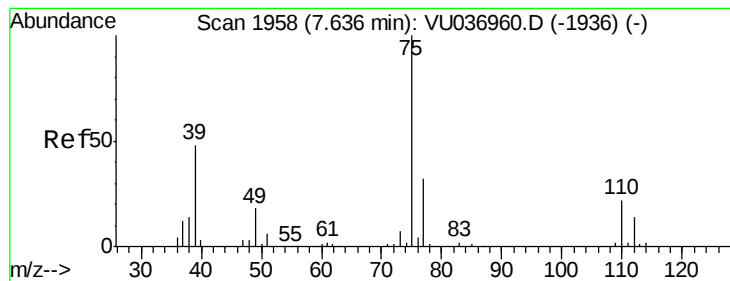
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036984.D (-1613) (-)

Ion 112.00 (111.70 to 112.70): VU036984.D (-1613) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.906 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

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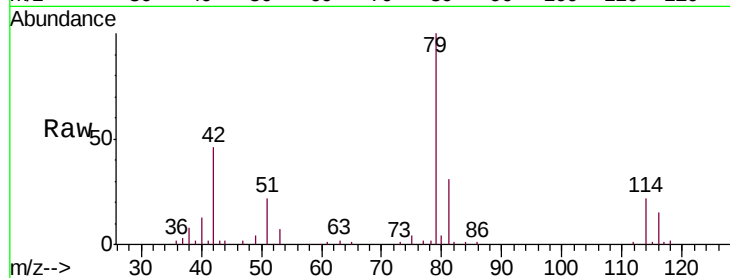
C0AW4

Tgt Ion: 75 Resp: 2743

Ion Ratio Lower Upper

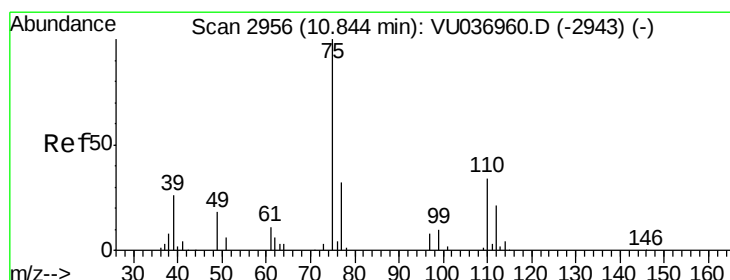
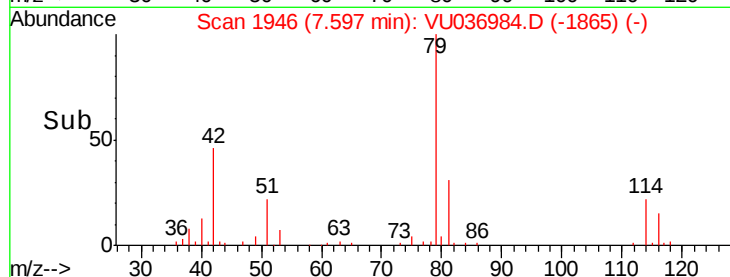
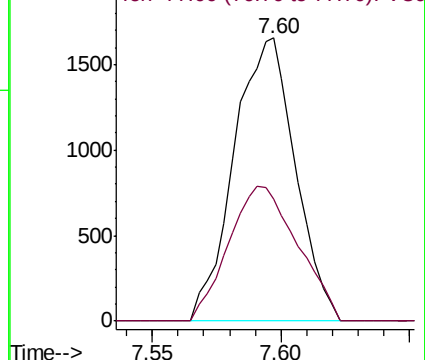
75 100

77 43.1 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: 5.048 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

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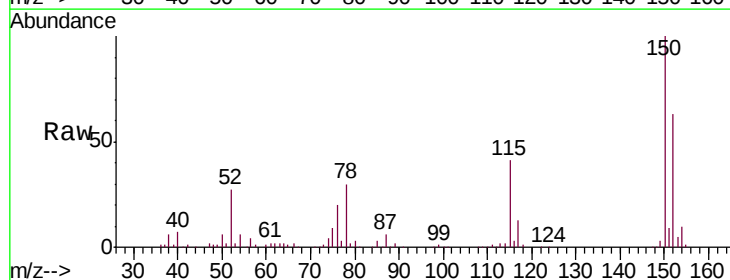
Acq: 28 Feb 2020 19:40

Tgt Ion: 75 Resp: 12762

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

