

Data File : VU036923.D
Acq On : 26 Feb 2020 18:20
Operator : JC/MD
Sample : L1687-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT1

Quant Time: Feb 27 04:51:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253009	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91955	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.56%
7) Chloroethane-d5	1.93	69	83870	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.42%
11) 1,1-Dichloroethene-d2	2.59	63	120567	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	4.67	46	155613	109.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.19%
24) Chloroform-d	5.11	84	157899	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.74	65	109082	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.76	84	341669	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
36) 1,2-Dichloropropane-d6	6.73	67	113971	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.93	98	305611	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	8.20	79	48090	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.66%
47) 2-Hexanone-d5	8.66	63	115443	105.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.71%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159752	50.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	94211	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

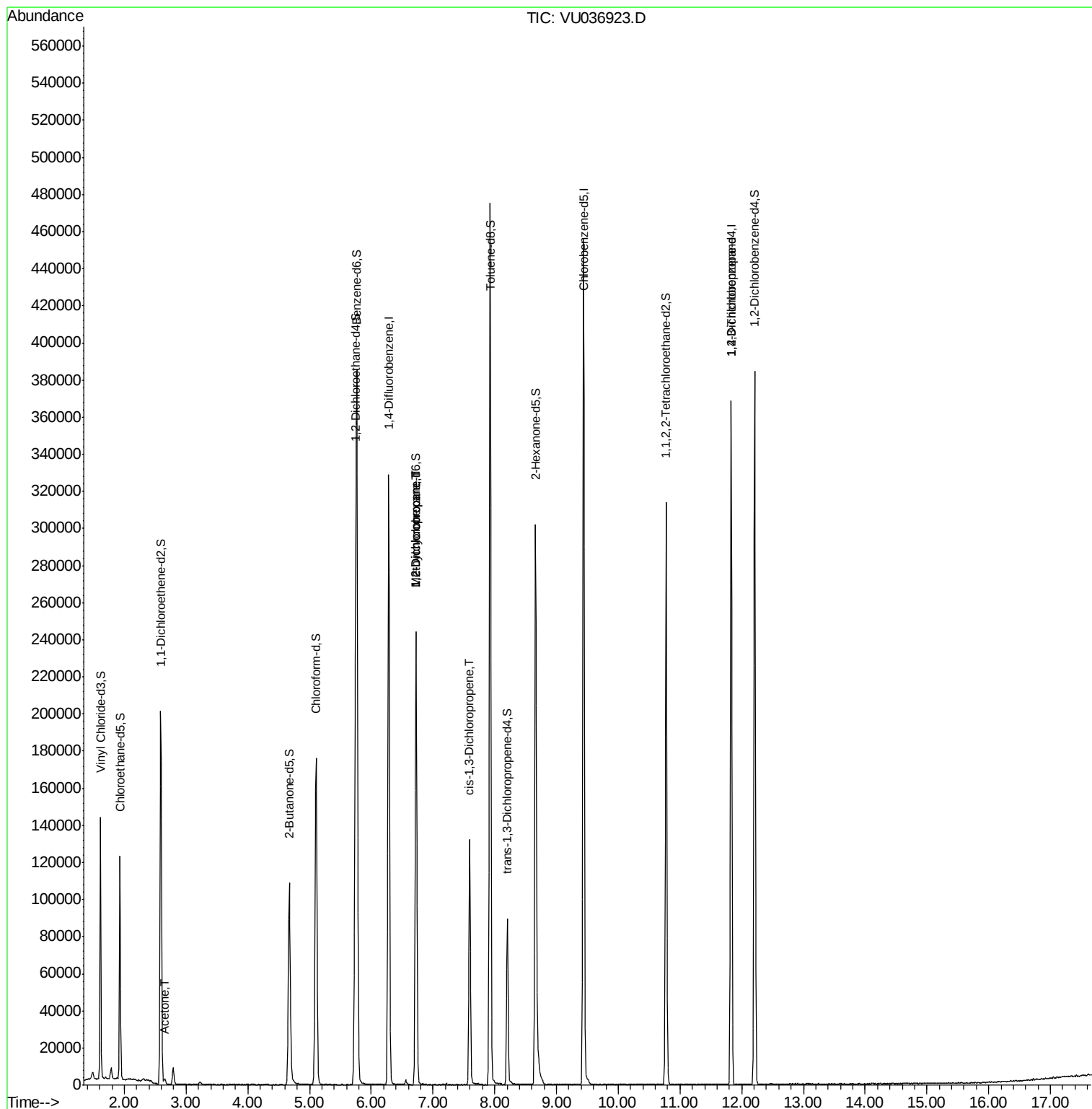
					Qvalue
13) Acetone	2.66	43	3046	2.078 ug/L	93
35) Methylcyclohexane	6.72	83	25042	7.803 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12259	6.046 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2822	0.903 ug/L #	46
59) 1,2,3-Trichloropropane	11.83	75	13500	5.175 ug/L	91

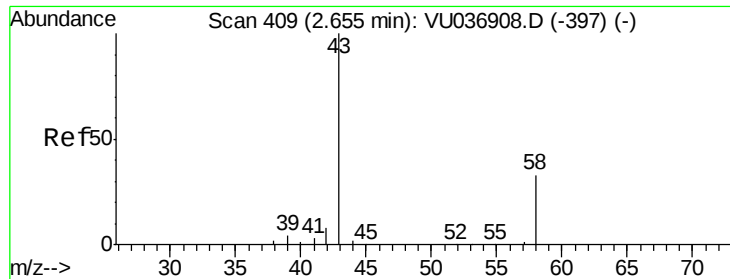
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.078 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036923.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_U

ClientSampleId :

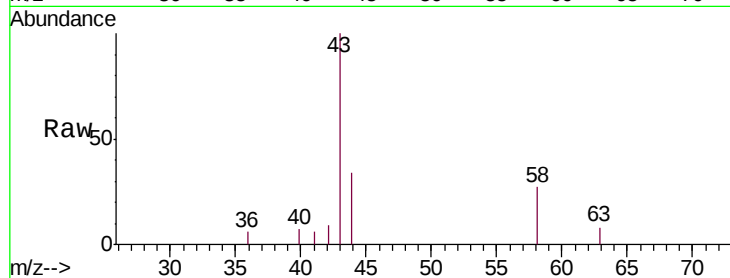
C0AT1

Tgt Ion: 43 Resp: 3046

Ion Ratio Lower Upper

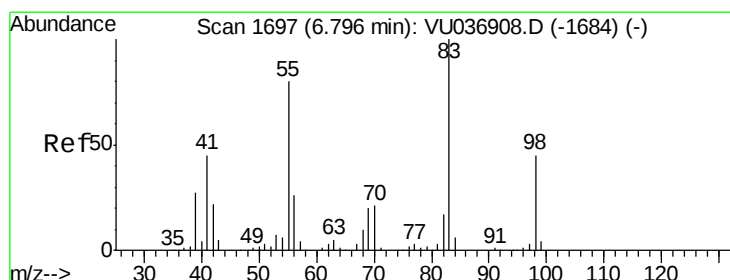
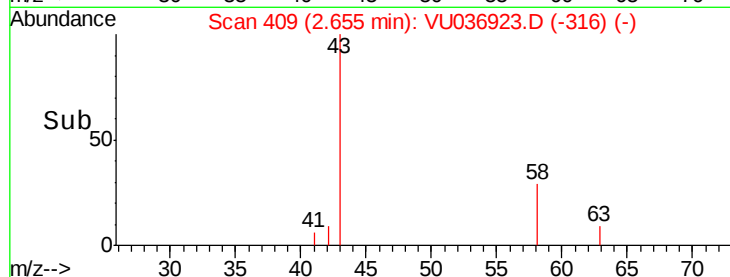
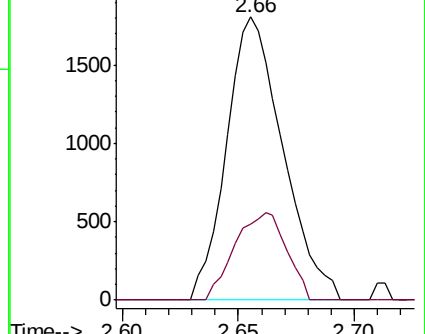
43 100

58 28.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036923.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036923.D (-316) (-)



#35

Methylcyclohexane

Concen: 7.803 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU036923.D

Acq: 26 Feb 2020 18:20

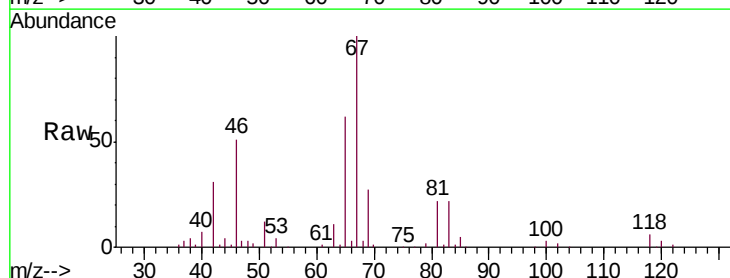
Tgt Ion: 83 Resp: 25042

Ion Ratio Lower Upper

83 100

55 0.4 62.6 93.8#

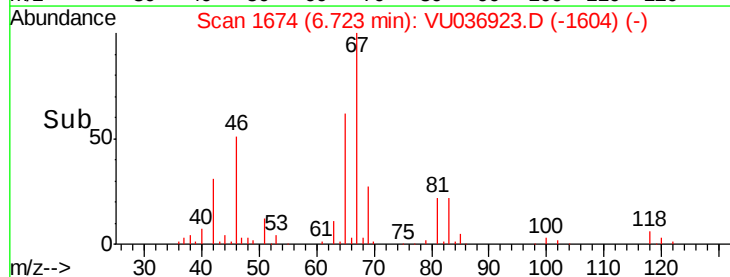
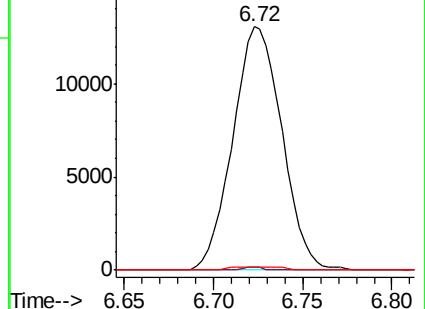
98 1.4 35.1 52.7#

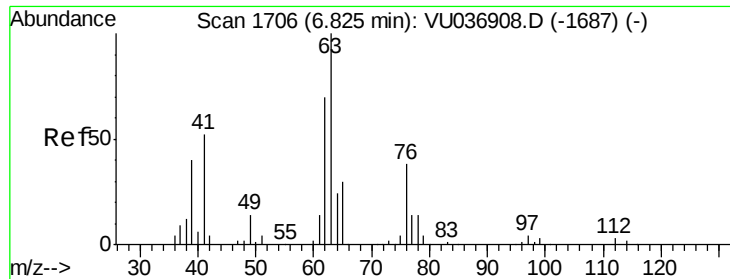


Abundance Ion 83.00 (82.70 to 83.70): VU036923.D (-1604) (-)

Ion 55.00 (54.70 to 55.70): VU036923.D (-1604) (-)

Ion 98.00 (97.70 to 98.70): VU036923.D (-1604) (-)

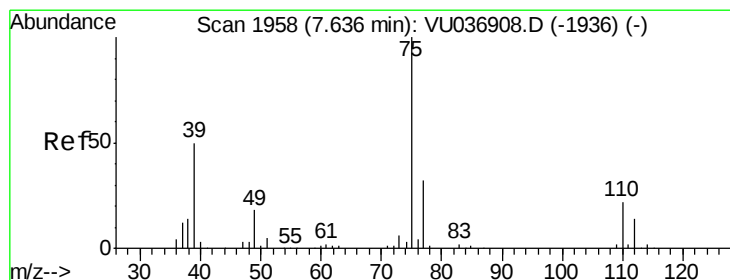
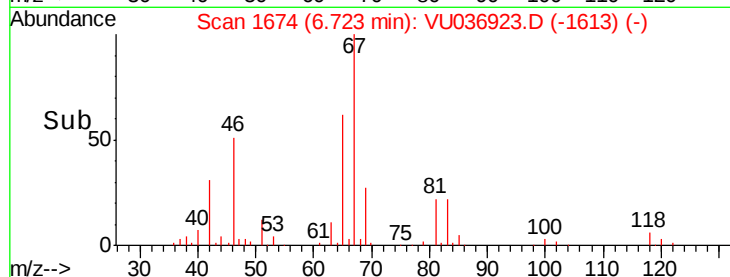
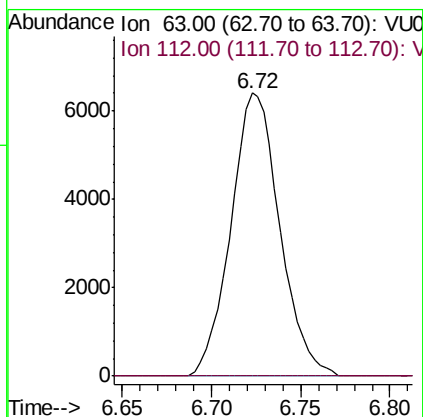
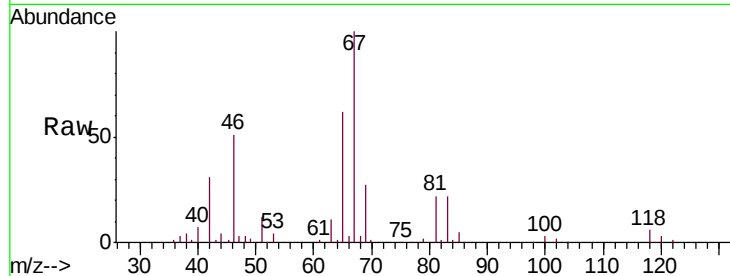




#37
 1,2-Dichloropropane
 Concen: 6.046 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036923.D
 Acq: 26 Feb 2020 18:20

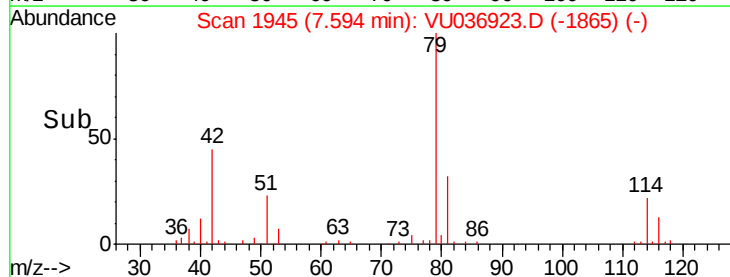
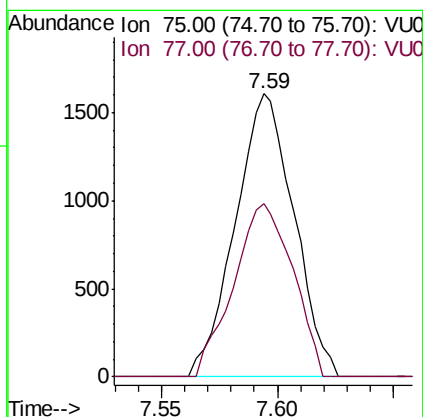
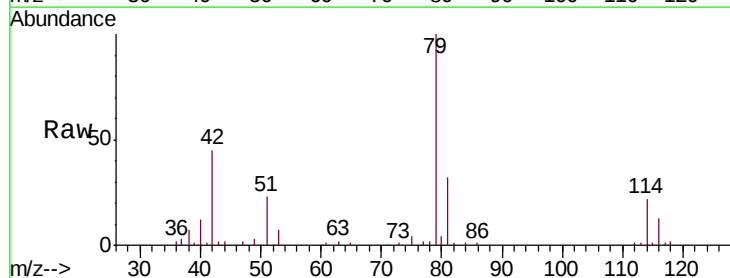
Instrument :
 MSVOA_U
 ClientSampled :
 C0AT1

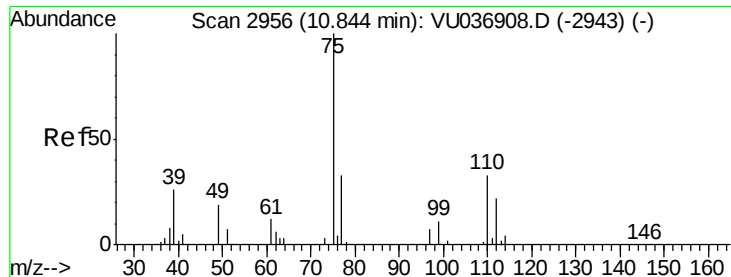
Tgt Ion: 63 Resp: 12259
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036923.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 2822
 Ion Ratio Lower Upper
 75 100
 77 61.4 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.175 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036923.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_U

ClientSampleId :

C0AT1

Tgt Ion: 75 Resp: 13500

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2

