

Data File : VU036969.D
Acq On : 28 Feb 2020 13:36
Operator : JC/MD
Sample : L1677-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD9

Quant Time: Feb 29 00:34:14 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	236648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	226503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88582	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.14%
7) Chloroethane-d5	1.93	69	80275	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.64%
11) 1,1-Dichloroethene-d2	2.59	63	116103	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	4.67	46	144246	108.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.21%
24) Chloroform-d	5.11	84	152365	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
26) 1,2-Dichloroethane-d4	5.74	65	106924	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.76	84	334939	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.72	67	108932	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.92	98	304908	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%
43) trans-1,3-Dichloropropene-	8.20	79	46486	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.66	63	108053	104.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153955	51.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	91711	55.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.82%

Target Compounds

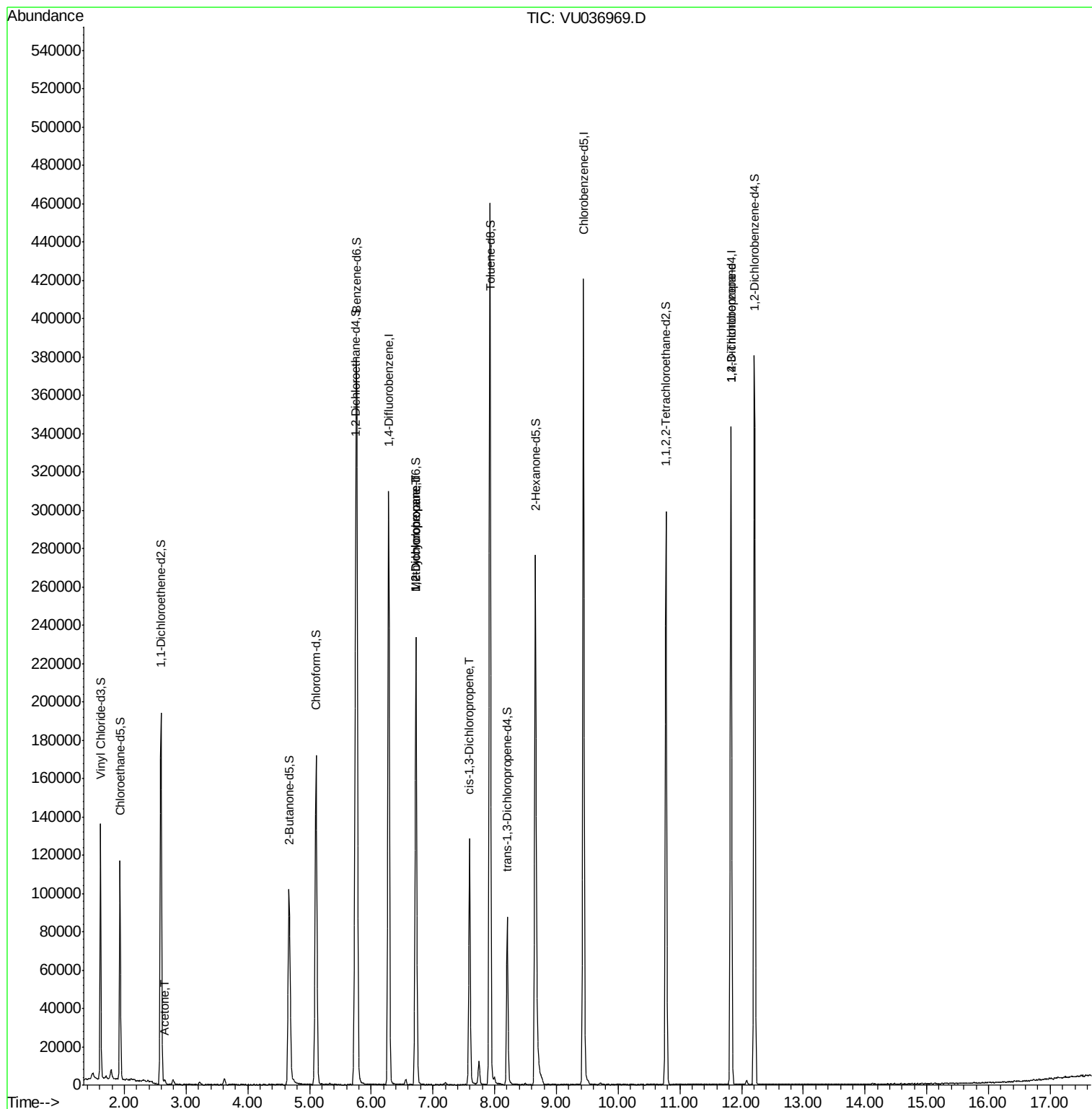
					Qvalue
13) Acetone	2.65	43	2387	1.741 ug/L	98
35) Methylcyclohexane	6.73	83	23580	7.733 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12155	6.309 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2985	1.006 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	13232	5.339 ug/L	95

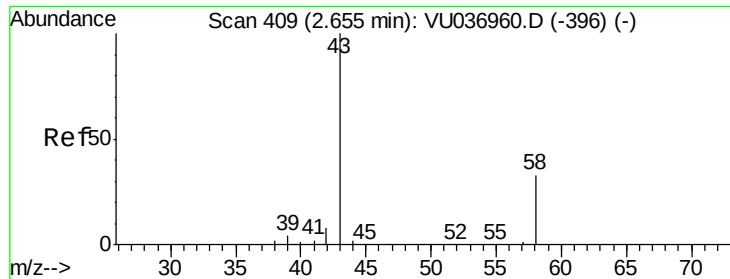
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.741 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU036969.D

Acq: 28 Feb 2020 13:36

Instrument :

MSVOA_U

ClientSampled :

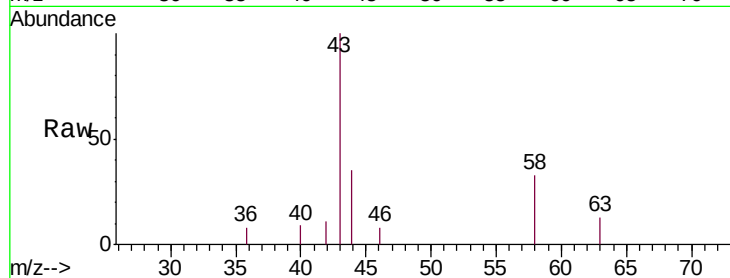
C0CD9

Tgt Ion: 43 Resp: 2387

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036969.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036969.D (-316) (-)

1500

1000

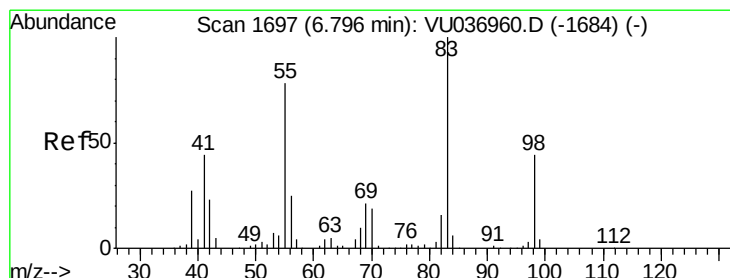
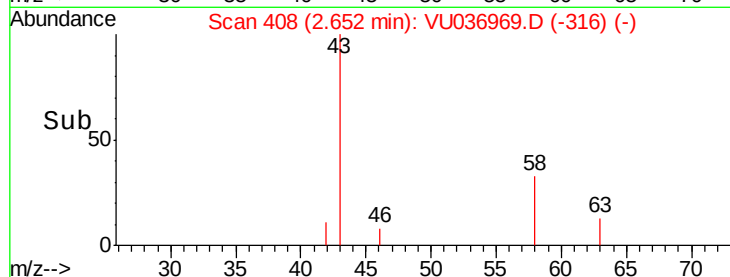
500

0

2.65

2.70

Time-->



#35

Methylcyclohexane

Concen: 7.733 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036969.D

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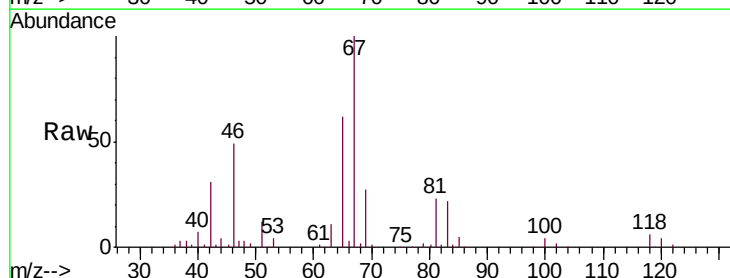
Tgt Ion: 83 Resp: 23580

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

98 1.2 35.1 52.7#



Abundance Ion 83.00 (82.70 to 83.70): VU036969.D (-1604) (-)

Ion 55.00 (54.70 to 55.70): VU036969.D (-1604) (-)

Ion 98.00 (97.70 to 98.70): VU036969.D (-1604) (-)

15000

10000

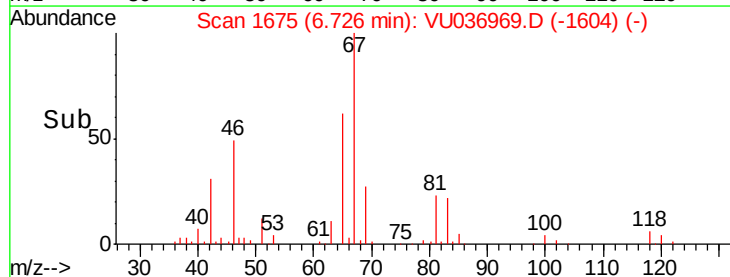
5000

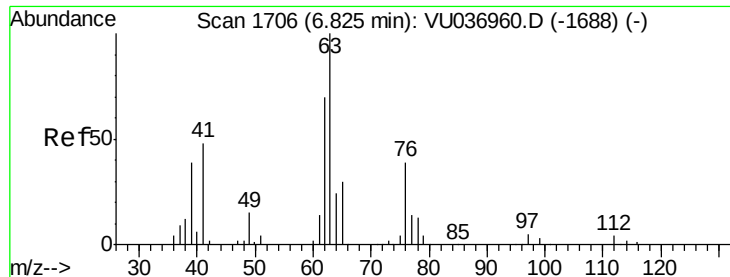
0

6.73

6.80

Time-->

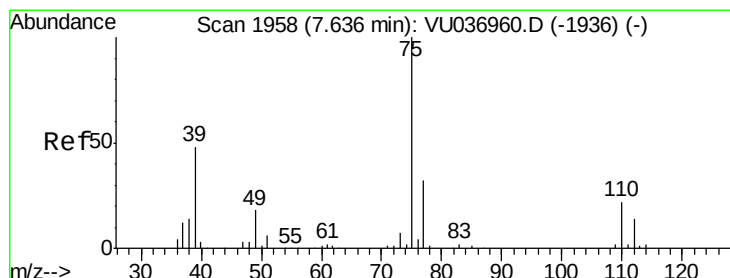
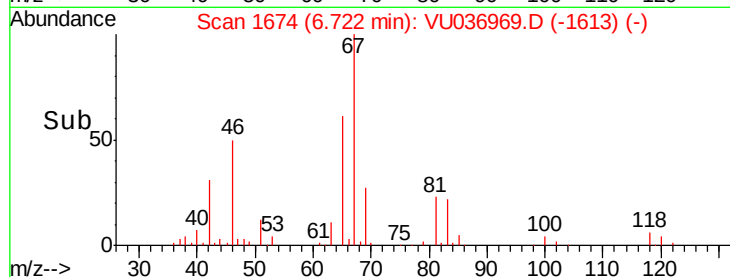
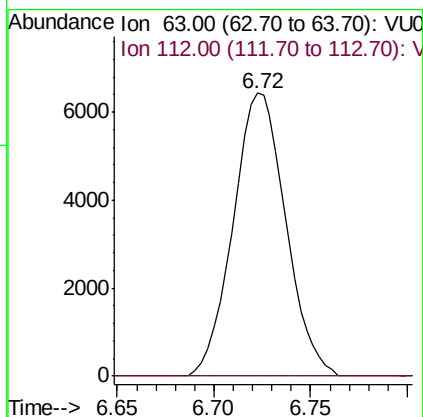
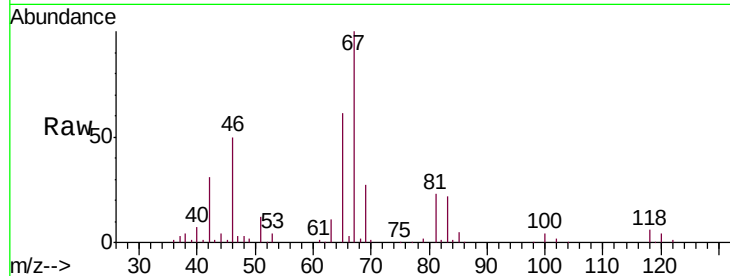




#37
 1,2-Dichloropropane
 Concen: 6.309 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036969.D
 Acq: 28 Feb 2020 13:36

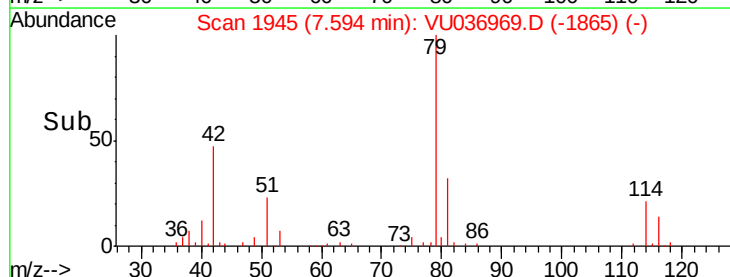
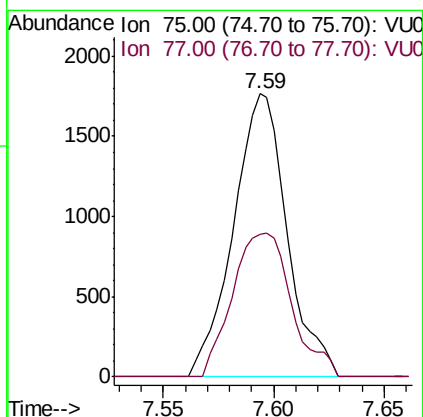
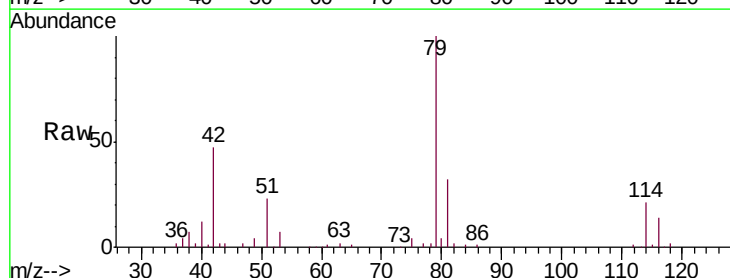
Instrument :
 MSVOA_U
 ClientSampled :
 C0CD9

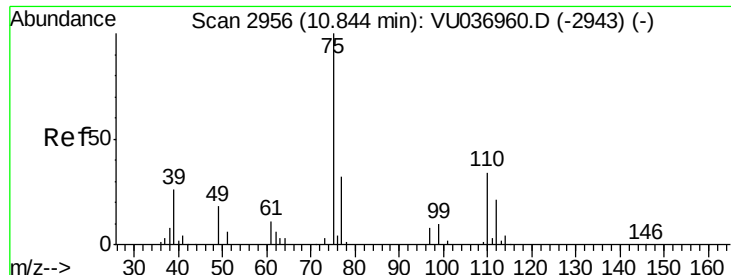
Tgt Ion: 63 Resp: 12155
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.006 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036969.D
 Acq: 28 Feb 2020 13:36

Tgt Ion: 75 Resp: 2985
 Ion Ratio Lower Upper
 75 100
 77 50.5 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.339 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036969.D

Acq: 28 Feb 2020 13:36

Instrument :

MSVOA_U

ClientSampleId :

C0CD9

Tgt Ion: 75 Resp: 13232

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

