

Data File : VU036904.D
Acq On : 25 Feb 2020 13:58
Operator : JC/MD
Sample : L1677-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD4

Quant Time: Feb 26 01:31:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 26 01:28:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	256672	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87606	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99786	46.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.58%
7) Chloroethane-d5	1.93	69	88890	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.68%
11) 1,1-Dichloroethene-d2	2.59	63	129385	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	4.67	46	148192	102.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	5.11	84	160887	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.74	65	111792	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.76	84	359888	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
36) 1,2-Dichloropropane-d6	6.73	67	117138	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.04%
41) Toluene-d8	7.92	98	324613	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%
43) trans-1,3-Dichloropropene-	8.20	79	49350	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.22%
47) 2-Hexanone-d5	8.66	63	111756	102.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.47%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	156344	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	94489	55.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.34%

Target Compounds

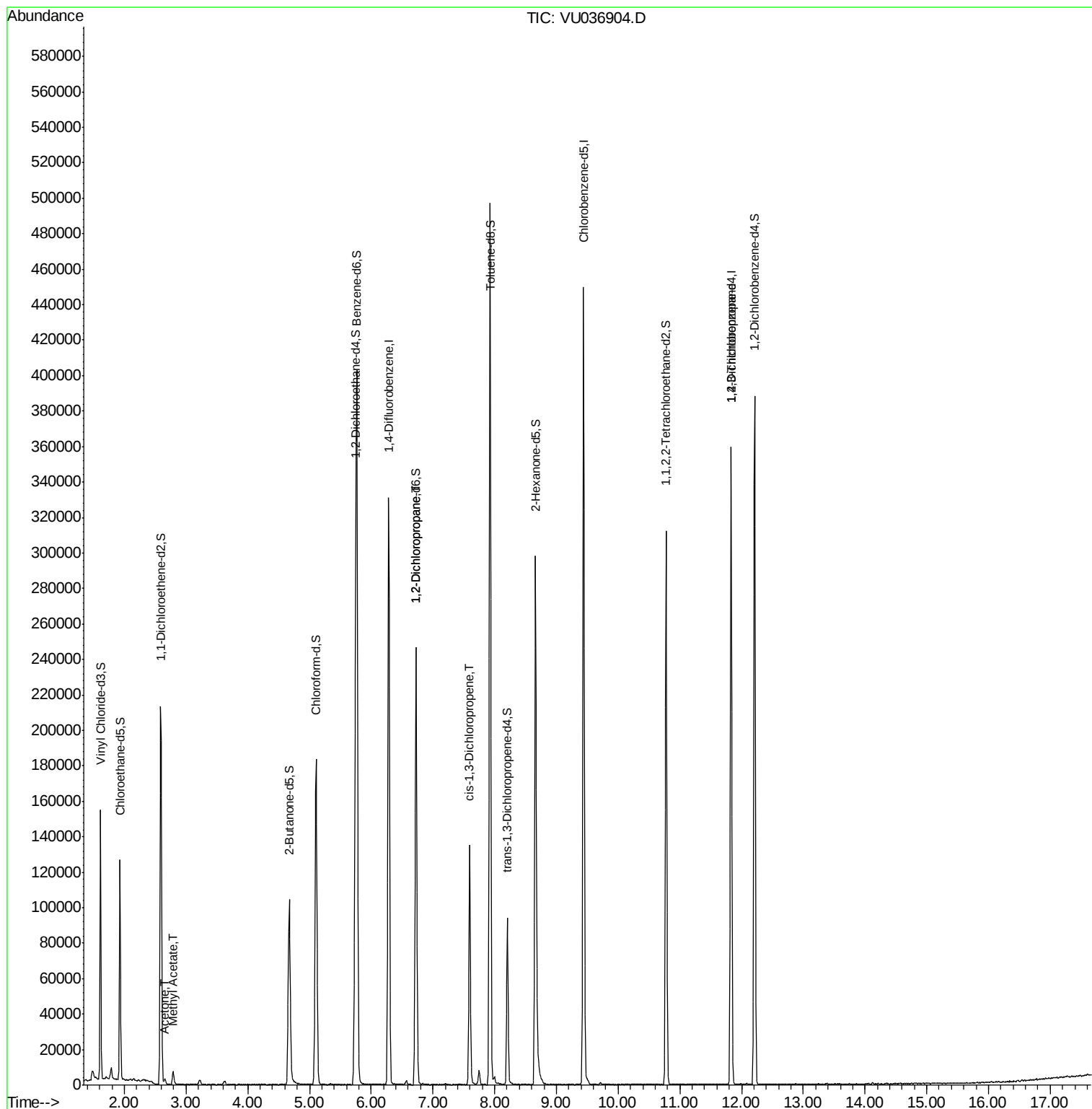
					Qvalue
13) Acetone	2.66	43	3212	2.160 ug/L	94
15) Methyl Acetate	2.79	43	2021	0.892 ug/L #	52
37) 1,2-Dichloropropane	6.73	63	12537	6.191 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3186	1.021 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	13728	5.269 ug/L	98

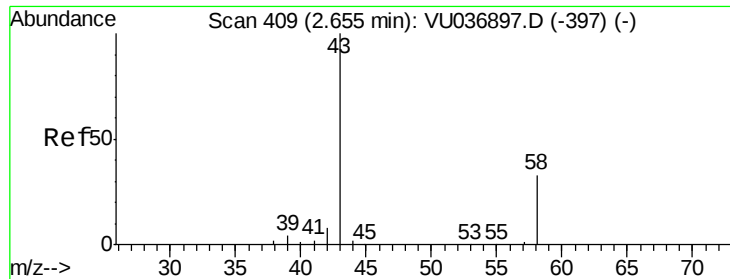
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.160 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

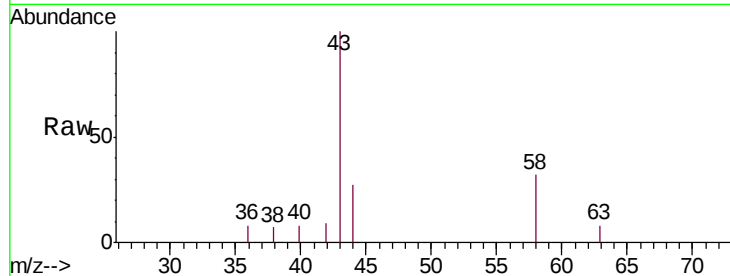
C0CD4

Tgt Ion: 43 Resp: 3212

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036897.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036897.D (-397) (-)

2.66

2000

1500

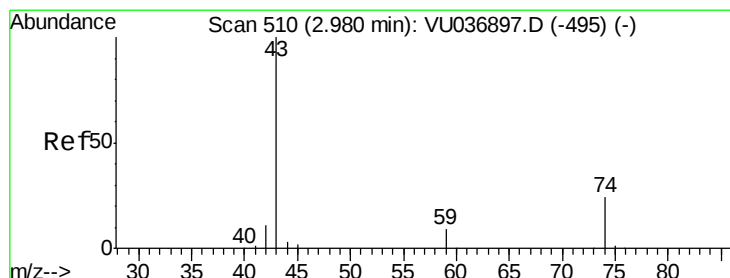
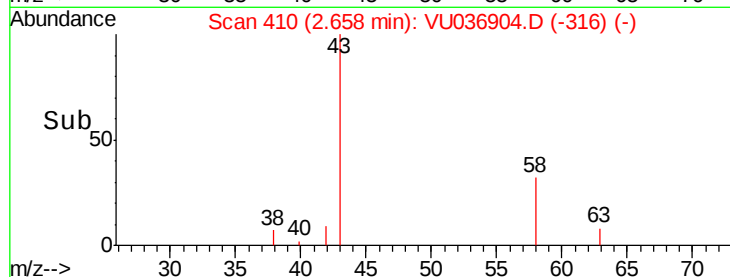
1000

500

0

Time-->

2.60 2.65 2.70



#15

Methyl Acetate

Concen: 0.892 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.19 min

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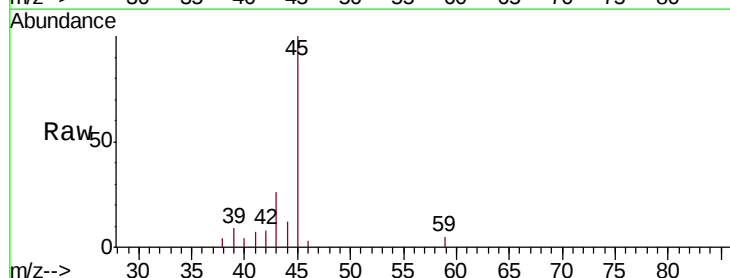
Acq: 25 Feb 2020 13:58

Tgt Ion: 43 Resp: 2021

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036897.D (-495) (-)

Ion 74.00 (73.70 to 74.70): VU036897.D (-495) (-)

2.79

1200

1000

800

600

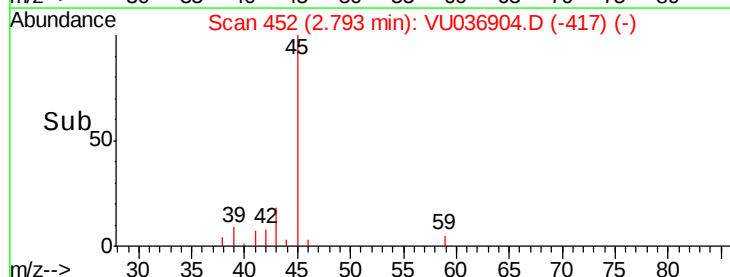
400

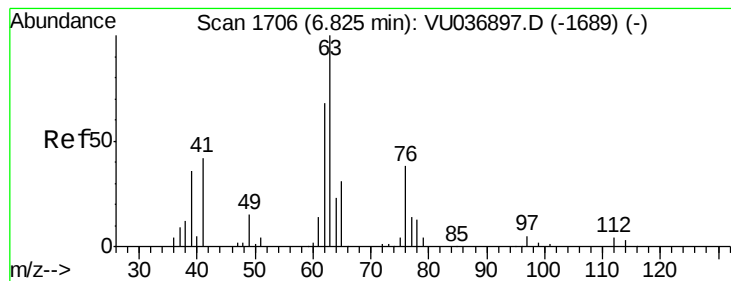
200

0

Time-->

2.75 2.80





#37

1,2-Dichloropropane

Concen: 6.191 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036904.D

Acq: 25 Feb 2020 13:58

Instrument :

MSVOA_U

ClientSampled :

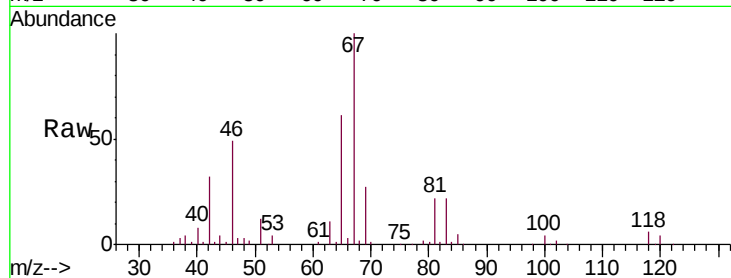
C0CD4

Tgt Ion: 63 Resp: 12537

Ion Ratio Lower Upper

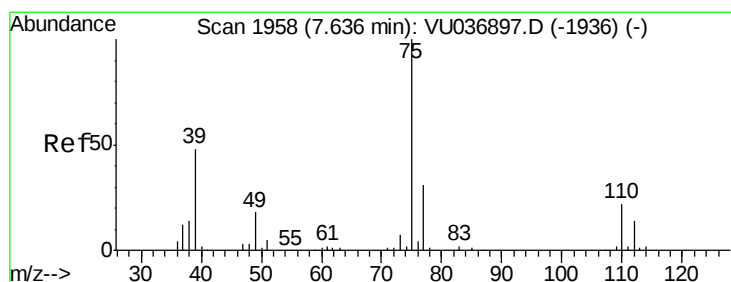
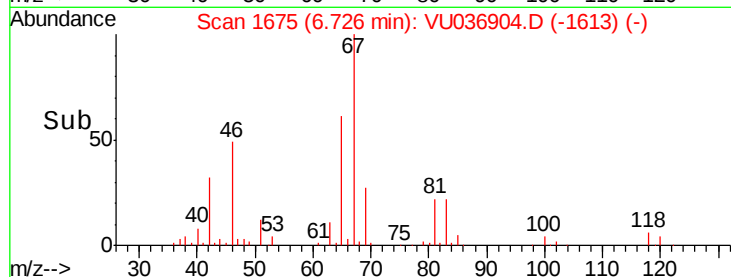
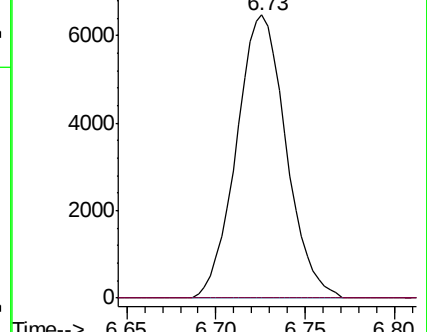
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036897.D (-1689) (-)

Ion 112.00 (111.70 to 112.70): VU036897.D (-1689) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

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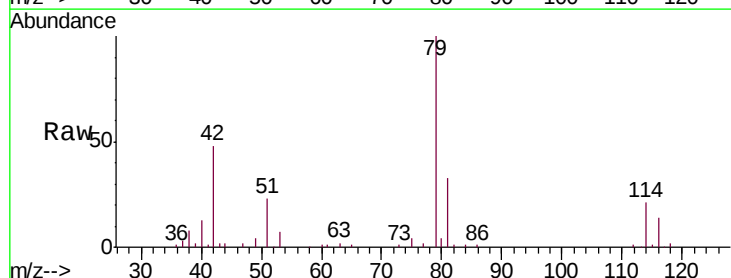
Acq: 25 Feb 2020 13:58

Tgt Ion: 75 Resp: 3186

Ion Ratio Lower Upper

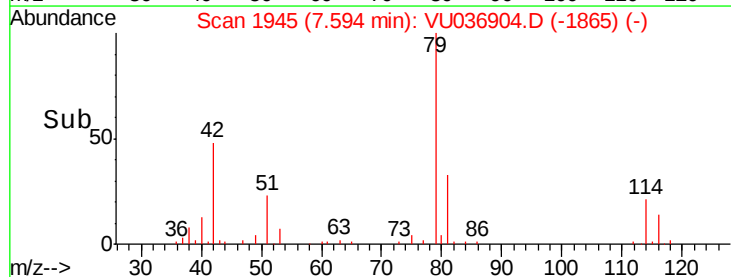
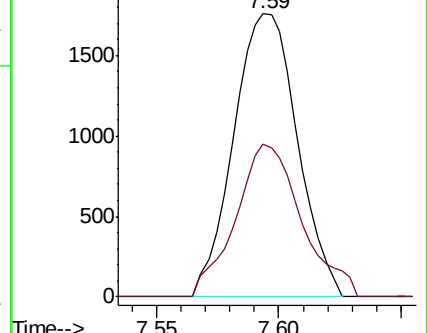
75 100

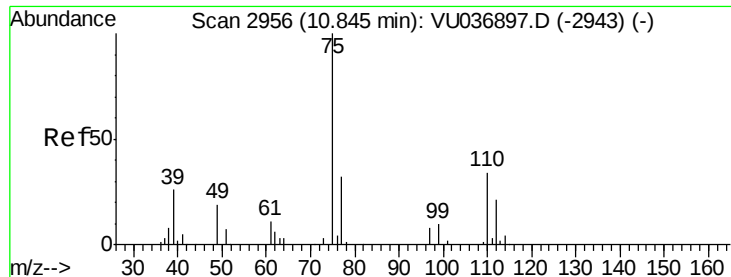
77 53.8 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036897.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU036897.D (-1936) (-)





#59

1,2,3-Trichloropropane

Concen: 5.269 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036904.D

Acq: 25 Feb 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

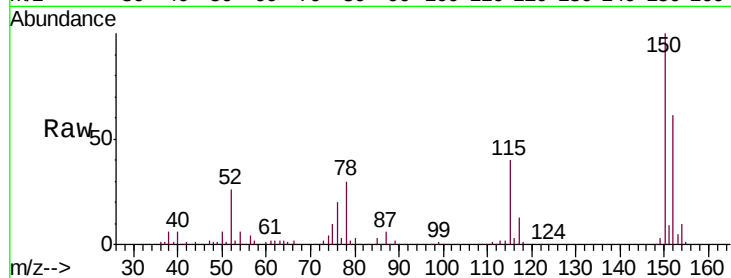
C0CD4

Tgt Ion: 75 Resp: 13728

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

