

Data File : VU034990.D
Acq On : 08 Oct 2019 14:28
Operator : JC/SP
Sample : K5196-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 09 07:23:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	169765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	71144	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42750	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.67	69	42492	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.26	63	65969	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.18	46	164999	55.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.66%
24) Chloroform-d	4.62	84	93300	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	54917	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.32	84	183414	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.31	67	63652	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.54	98	158730	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	20565	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.30	63	117017	49.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57444	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	63090	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

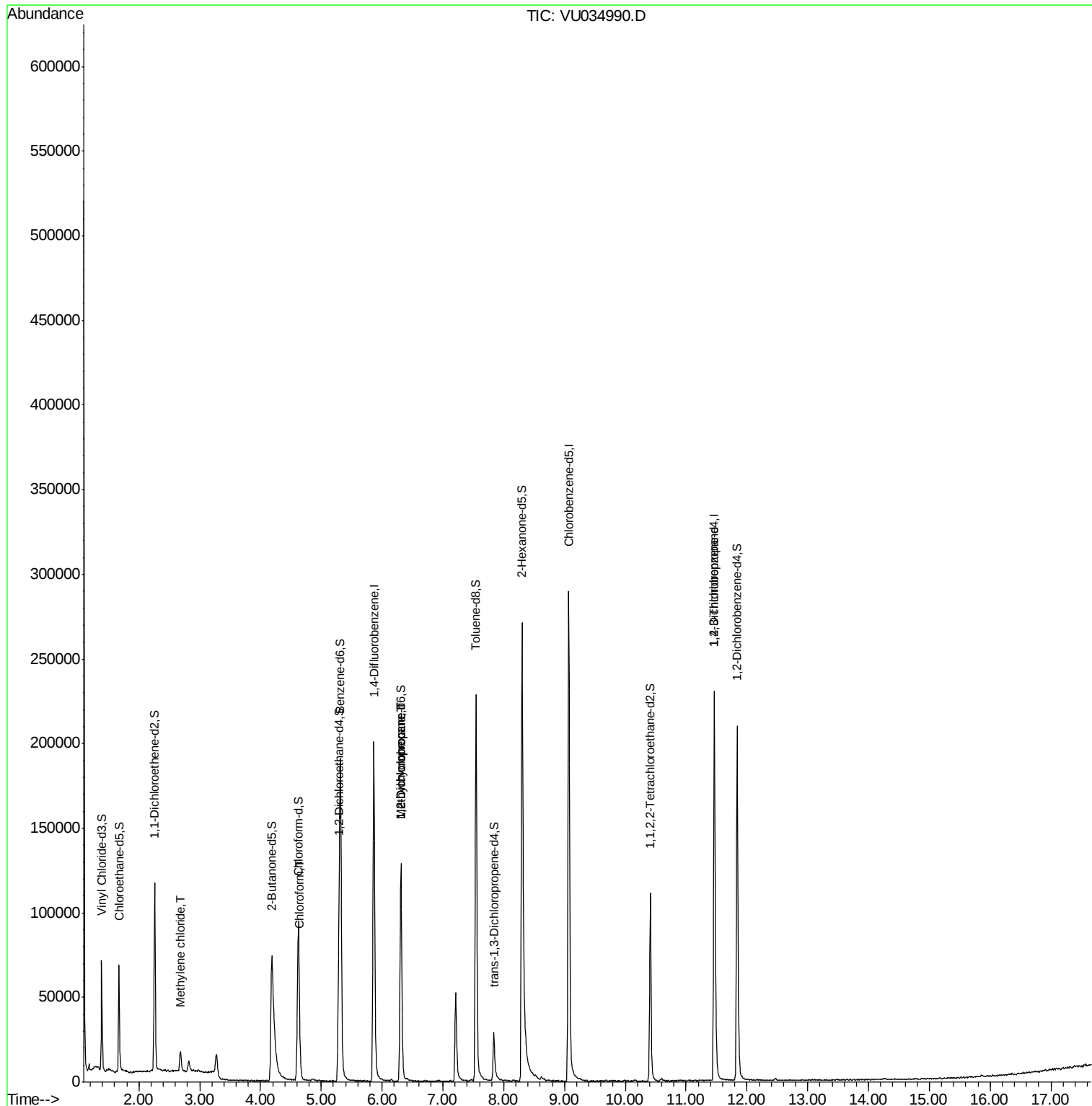
					Qvalue
16) Methylene chloride	2.68	84	4932	0.365 ug/L	86
25) Chloroform	4.65	83	4544	0.174 ug/L	87
35) Methylcyclohexane	6.31	83	14212	0.647 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7016	0.495 ug/L #	88
59) 1,2,3-Trichloropropane	11.46	75	9526	1.038 ug/L	94

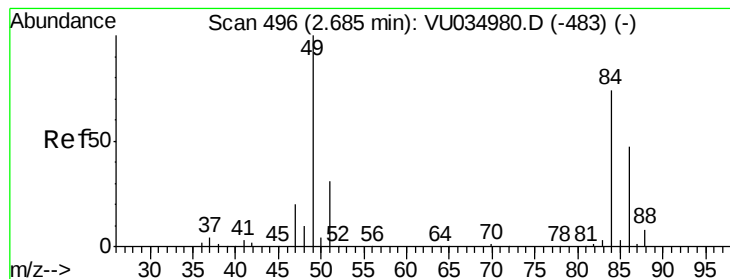
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.365 ug/L

RT: 2.68 min Scan# 494

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

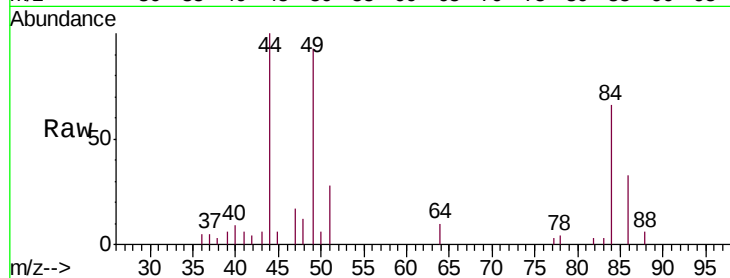
Tgt Ion: 84 Resp: 4932

Ion Ratio Lower Upper

84 100

86 50.7 42.5 78.9

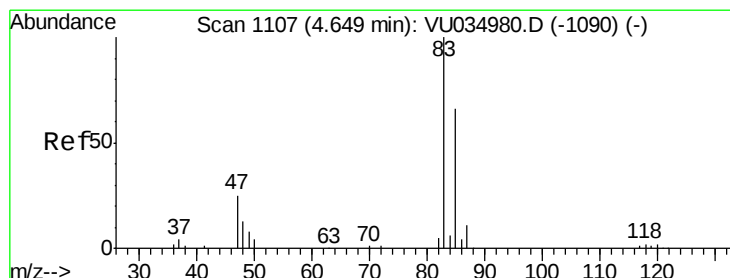
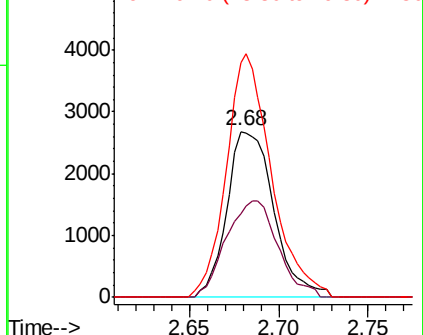
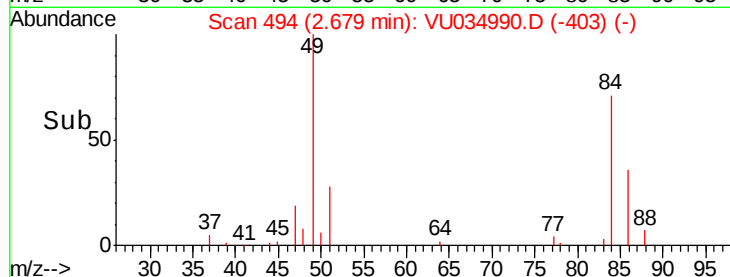
49 141.1 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU034990.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU034990.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU034990.D (-403) (-)



#25

Chloroform

Concen: 0.174 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU034990.D

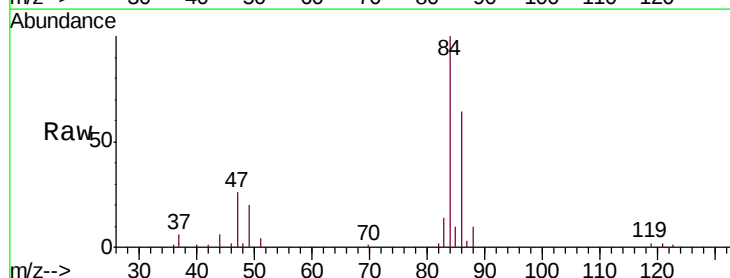
Acq: 08 Oct 2019 14:28

Tgt Ion: 83 Resp: 4544

Ion Ratio Lower Upper

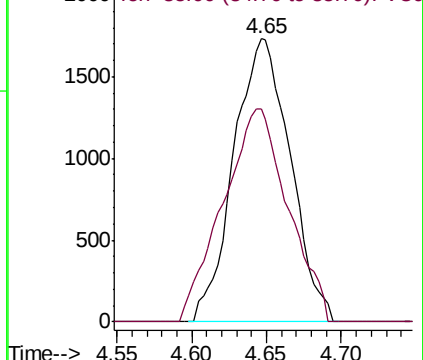
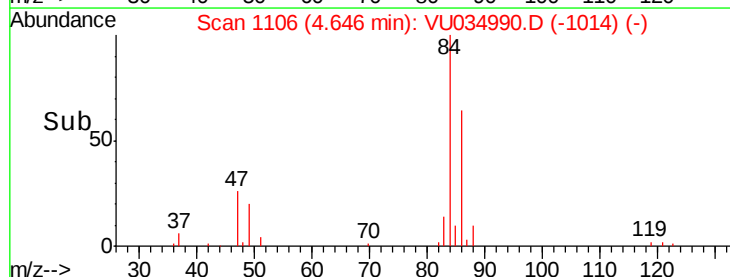
83 100

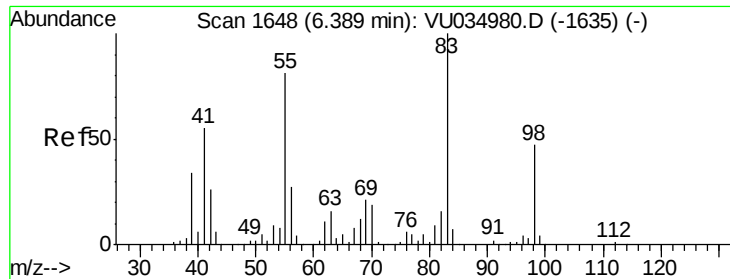
85 75.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU034990.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU034990.D (-1014) (-)

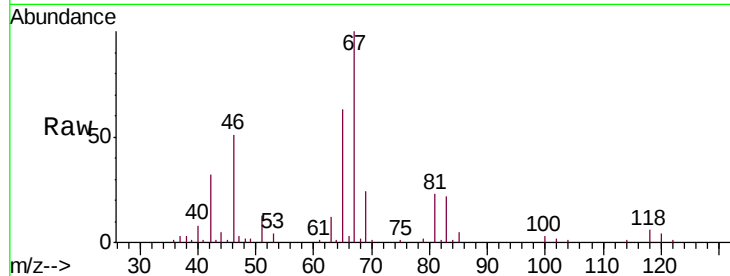




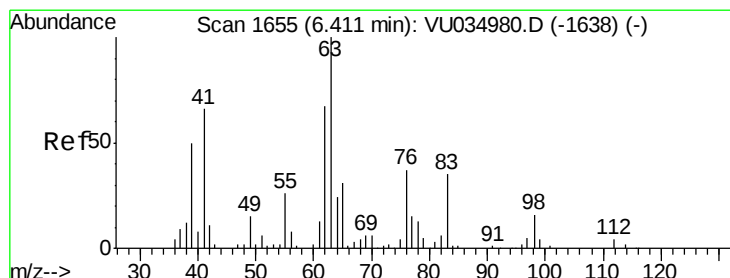
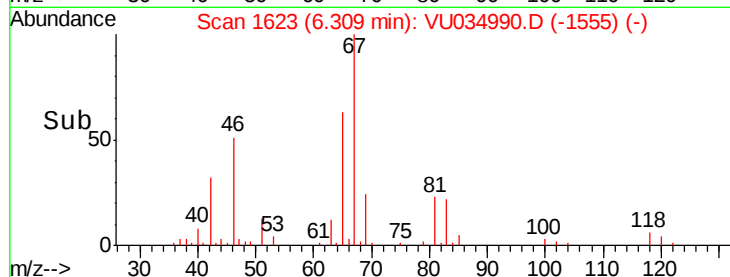
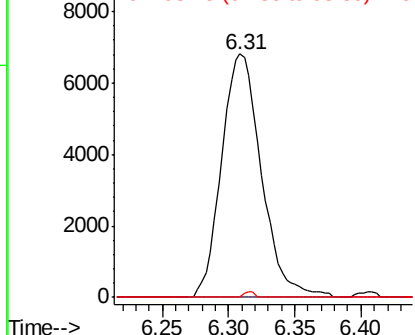
#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
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Tgt Ion: 83 Resp: 14212
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.6 36.2 54.2#

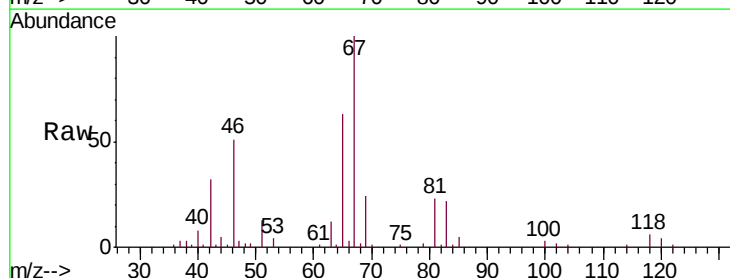


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

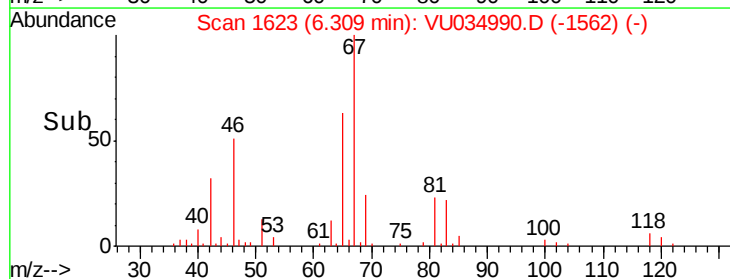
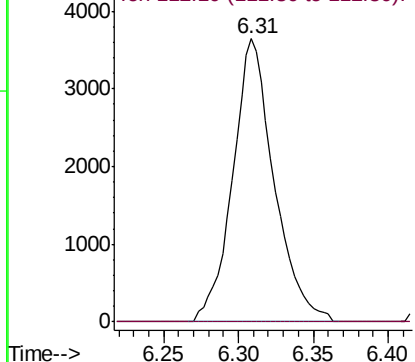


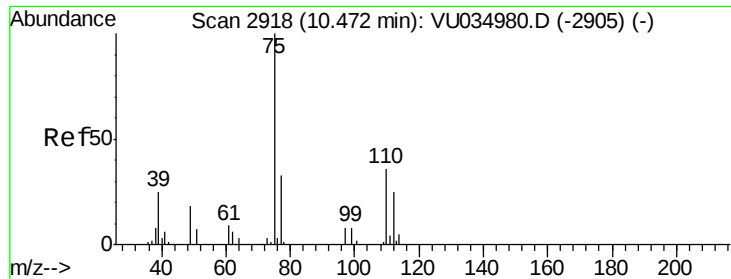
#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034990.D
Acq: 08 Oct 2019 14:28

Tgt Ion: 63 Resp: 7016
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.038 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034990.D

Acq: 08 Oct 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 9526

Ion Ratio Lower Upper

75 100

77 36.4 26.5 39.7

