

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\
 Data File : VU026625.D
 Acq On : 07 Sep 2018 18:00
 Operator : MD/SY
 Sample : J4750-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Sep 08 01:23:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 01:21:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	141221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44550	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.16%
7) Chloroethane-d5	1.68	69	41711	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.27	63	66064	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.18	46	86146	118.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.54%
24) Chloroform-d	4.65	84	89400	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
26) 1,2-Dichloroethane-d4	5.31	65	60456	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
32) Benzene-d6	5.34	84	171810	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
36) 1,2-Dichloropropane-d6	6.33	67	61227	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.52%
41) Toluene-d8	7.57	98	150247	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%
43) trans-1,3-Dichloropropene-	7.85	79	25926	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.31	63	59494	116.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87402	53.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	58736	56.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.10%

Target Compounds

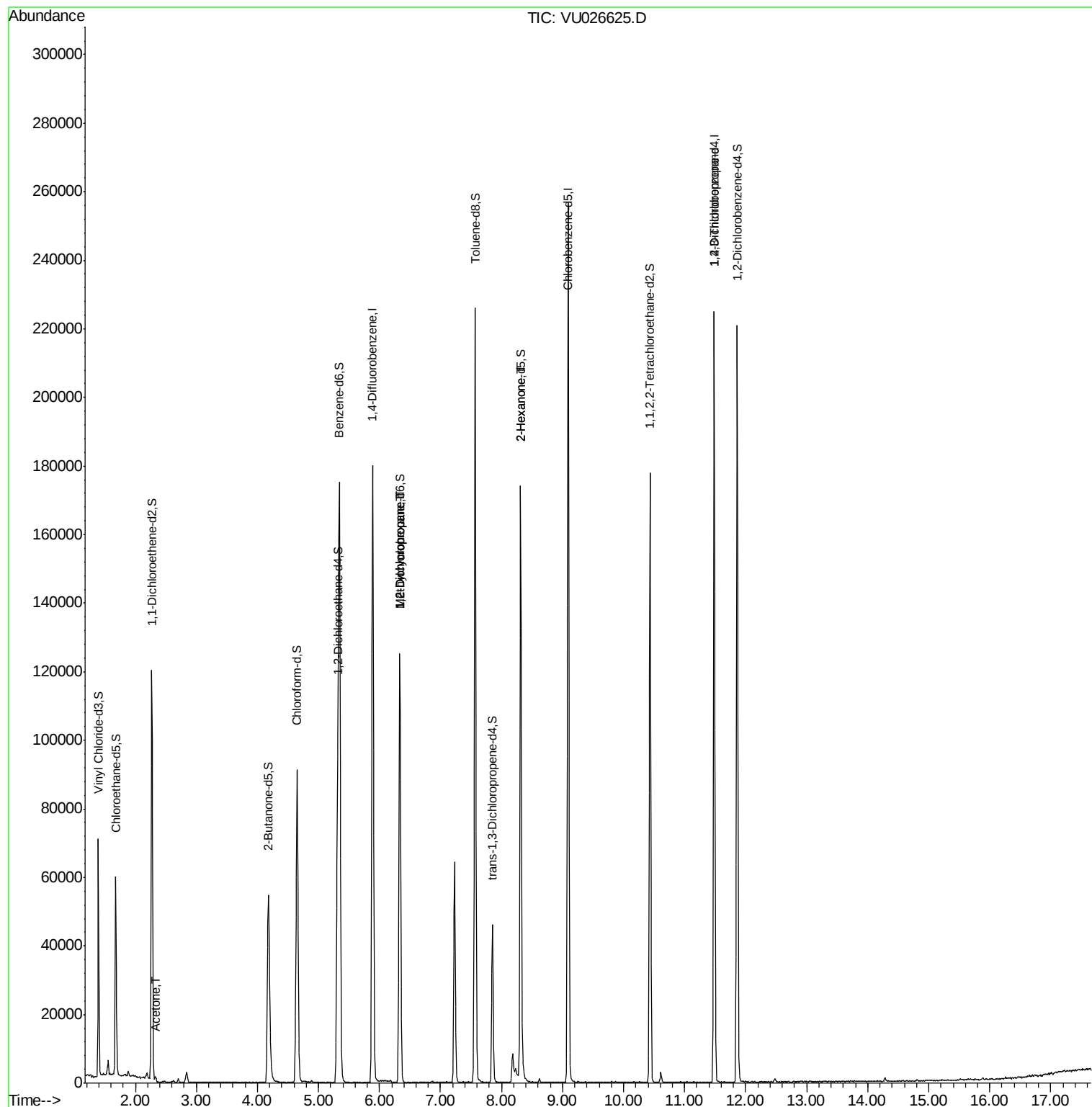
					Ovalue
13) Acetone	2.32	43	959	1.524 ug/L	56
35) Methylcyclohexane	6.33	83	13803	8.705 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6294	5.616 ug/L #	88
48) 2-Hexanone	8.31	43	7206	6.053 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	6873	4.914 ug/L	89

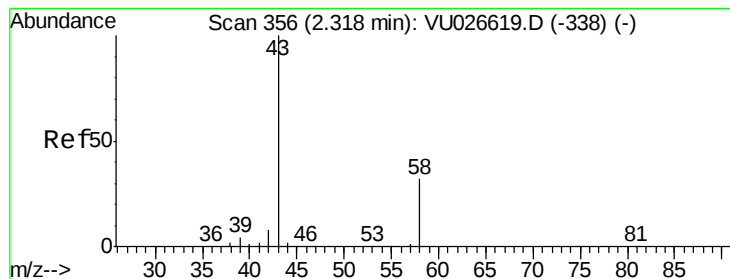
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.524 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026625.D

Acq: 07 Sep 2018 18:00

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ClientSampleId :

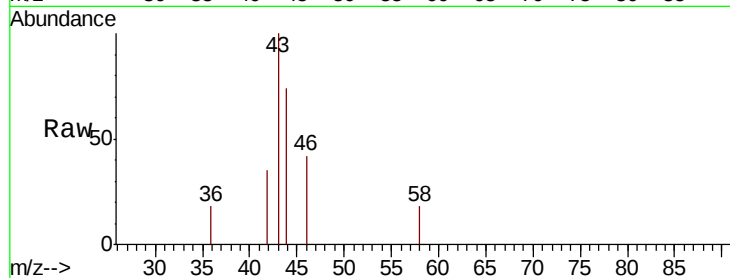
VHBLK02

Tot Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

58 6.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

600

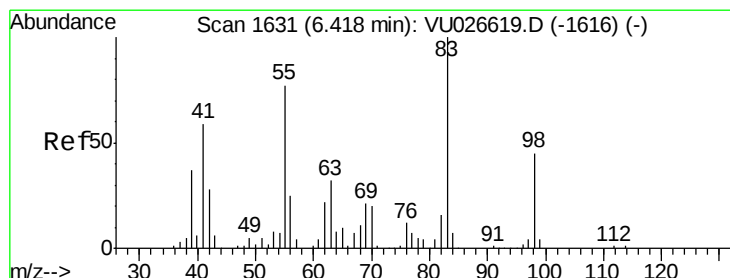
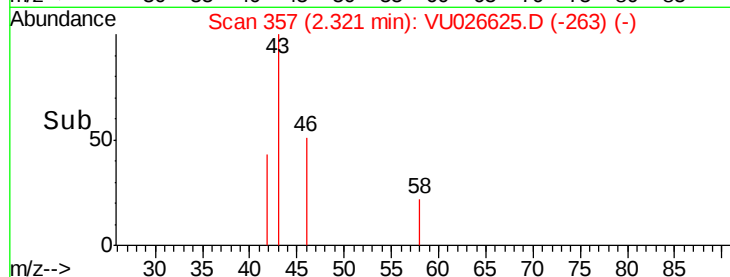
400

200

0

2.30 2.35

Time-->



#35

Methylcyclohexane

Concen: 8.705 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

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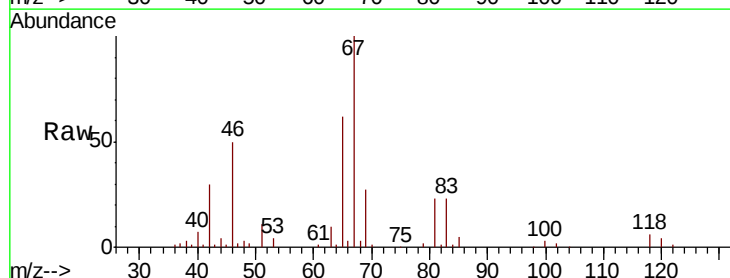
Tgt Ion: 83 Resp: 13803

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.4 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

8000

6000

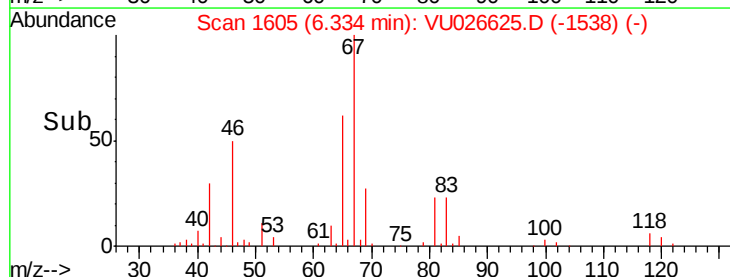
4000

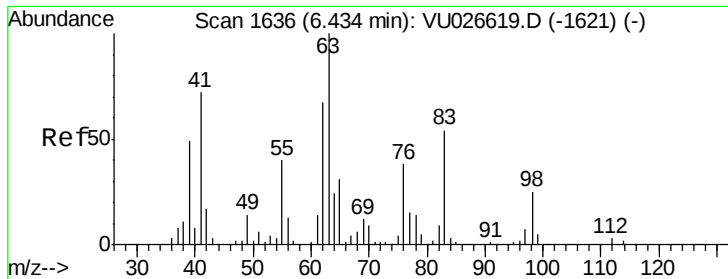
2000

0

6.30 6.35 6.40

Time-->

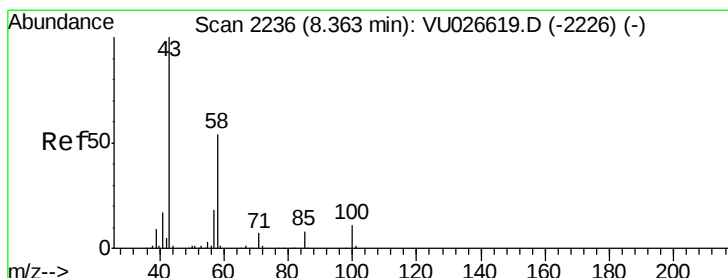
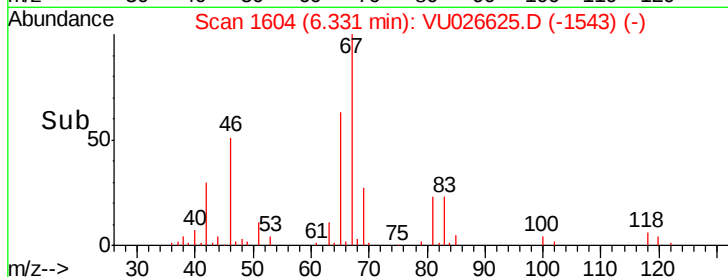
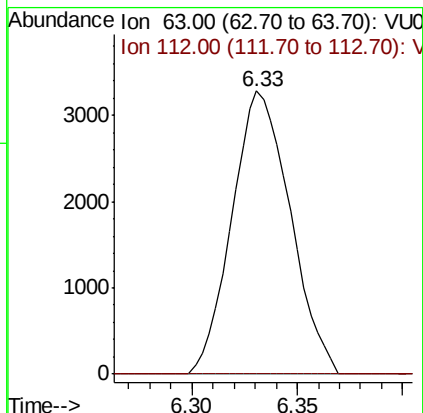
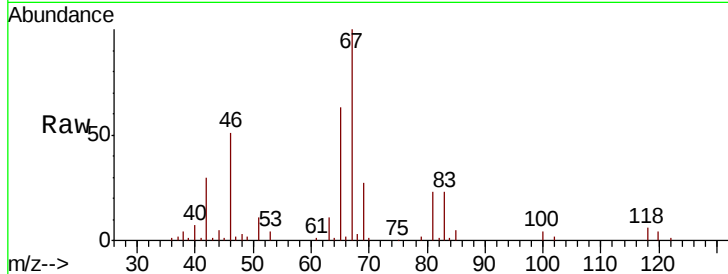




#37
 1,2-Dichloropropane
 Concen: 5.616 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026625.D
 Acq: 07 Sep 2018 18:00

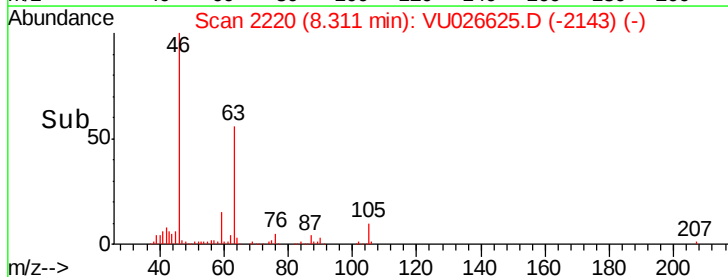
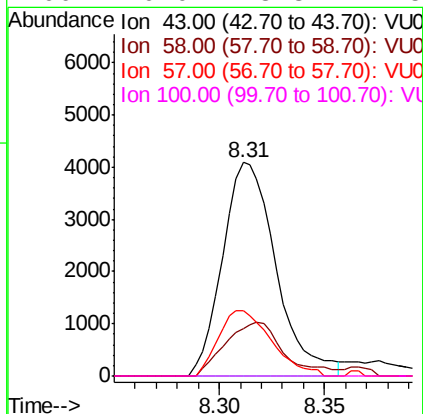
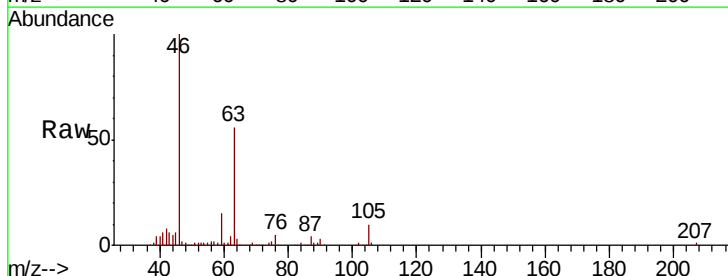
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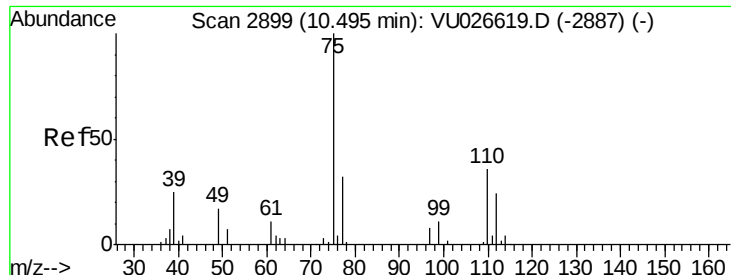
Tot Ion: 63 Resp: 6294
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 6.053 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026625.D
 Acq: 07 Sep 2018 18:00

Tgt Ion: 43 Resp: 7206
 Ion Ratio Lower Upper
 43 100
 58 27.5 42.2 63.4#
 57 30.2 14.6 21.8#
 100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 4.914 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026625.D

Acq: 07 Sep 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 6873

Ion Ratio Lower Upper

75 100

77 37.2 25.0 37.6

