

Data File : VU036747.D
Acq On : 12 Feb 2020 13:47
Operator : JC/MD
Sample : L1487-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT5

Quant Time: Feb 13 01:02:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	125708	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49290	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	42977	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	64632	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.69	46	113113	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	5.11	84	75215	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	44608	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	166630	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.73	67	53421	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.93	98	150344	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.21	79	19218	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.67	63	94787	47.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40227	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	46694	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

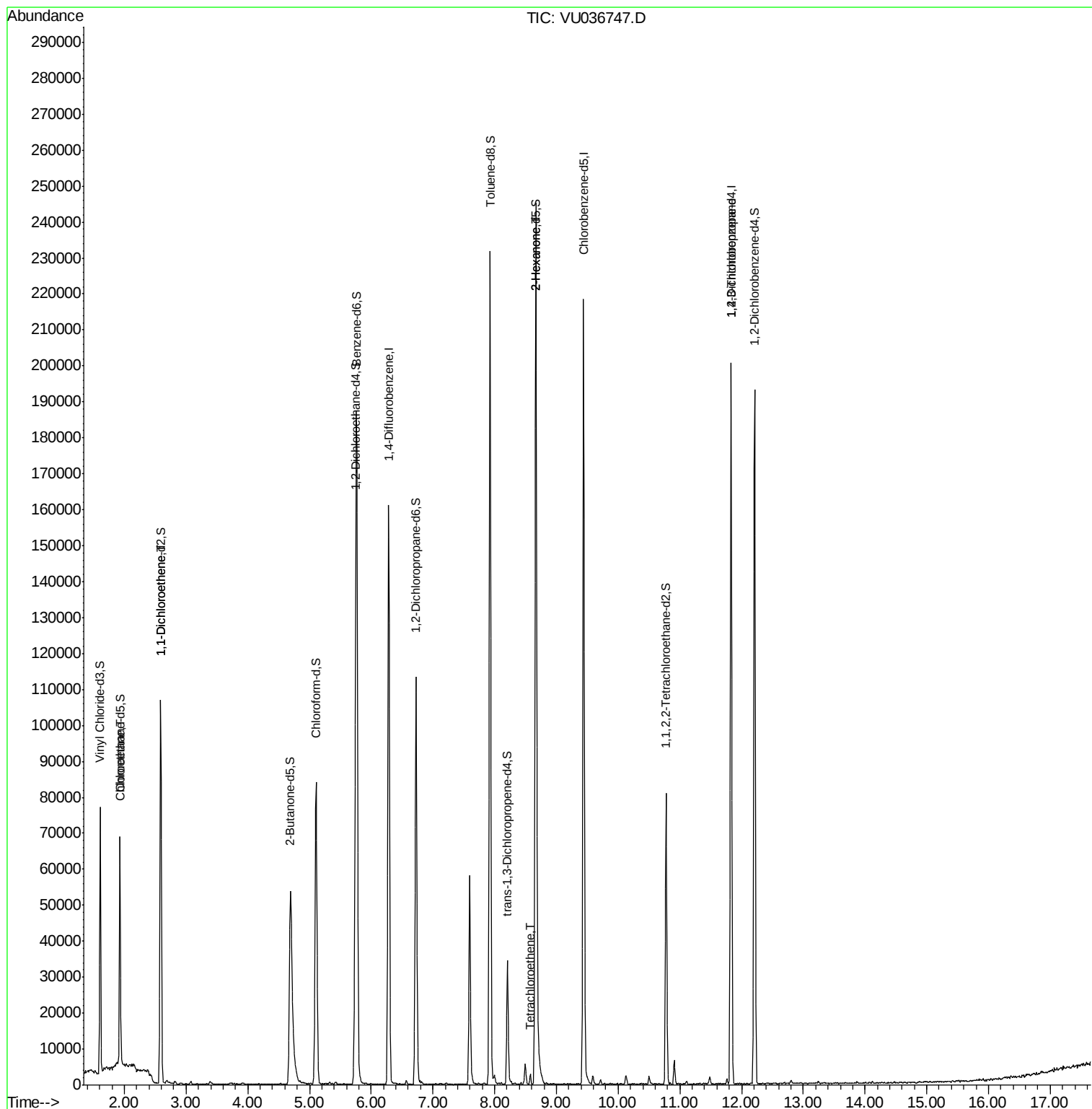
					Qvalue
8) Chloroethane	1.94	64	506	0.072 ug/L #	57
12) 1,1-Dichloroethene	2.59	96	645	0.084 ug/L #	1
47) Tetrachloroethene	8.58	164	569	0.091 ug/L #	81
48) 2-Hexanone	8.67	43	11264	2.080 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	7326	1.132 ug/L	94

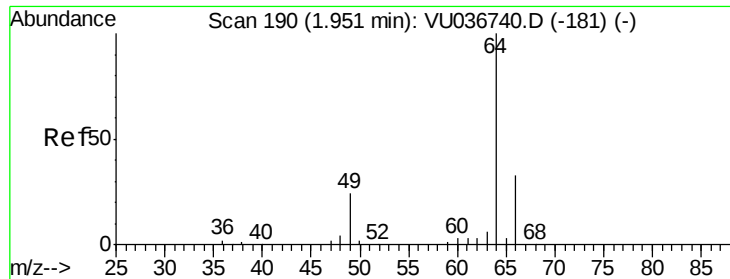
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.072 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

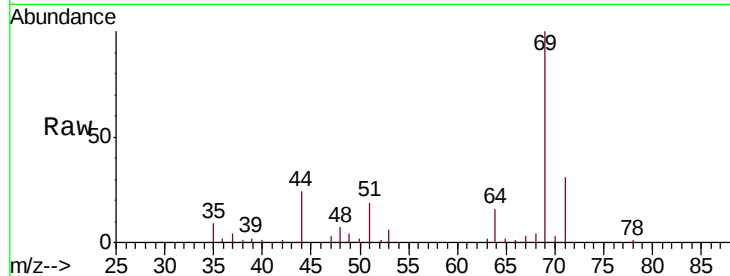
DBCT5

Tgt Ion: 64 Resp: 506

Ion Ratio Lower Upper

64 100

66 7.5 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

2000

1500

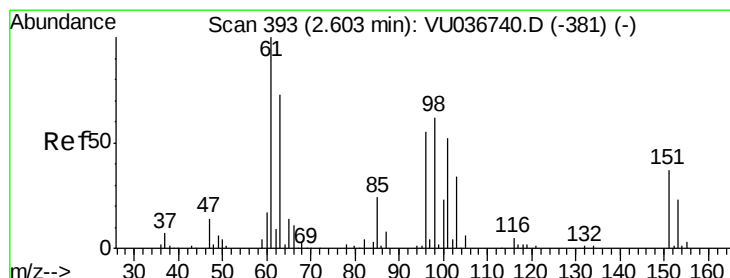
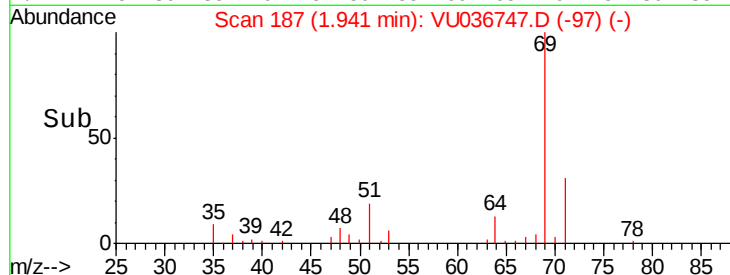
1000

500

0

1.92 1.94 1.96

Time-->



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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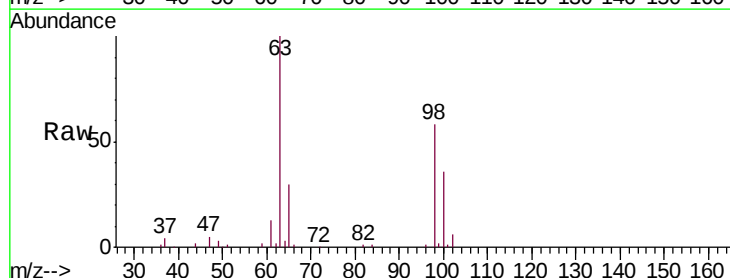
Tgt Ion: 96 Resp: 645

Ion Ratio Lower Upper

96 100

61 1293.1 126.4 234.8#

63 10160.0 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

50000

40000

30000

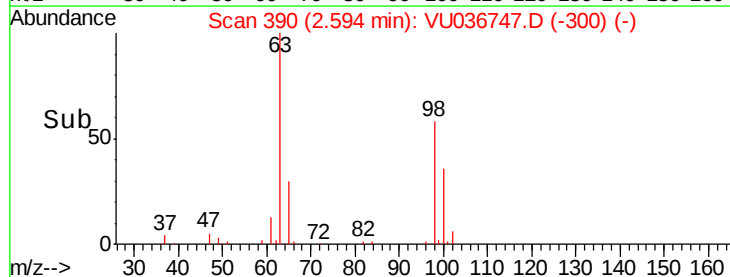
20000

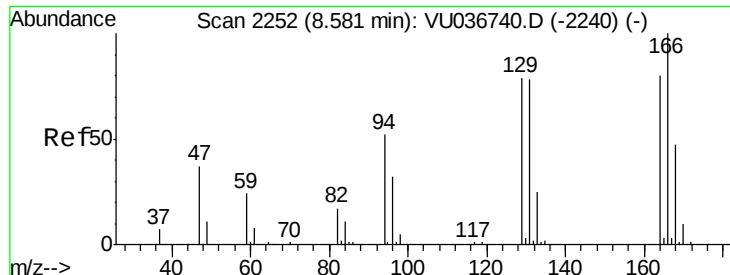
10000

0

2.56 2.58 2.60 2.62

Time-->

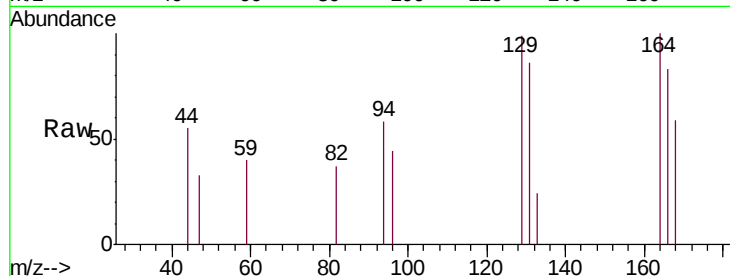




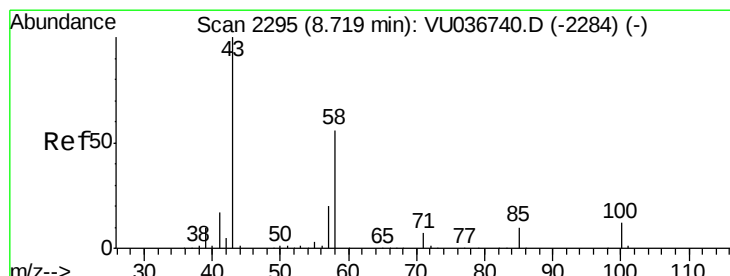
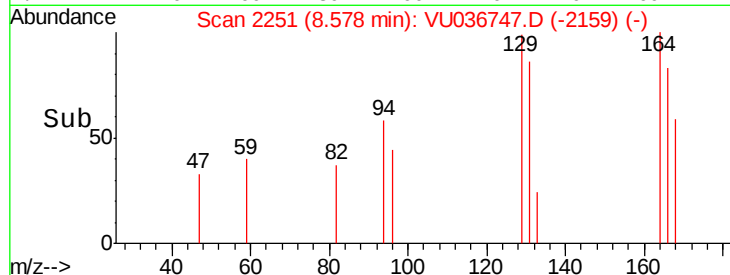
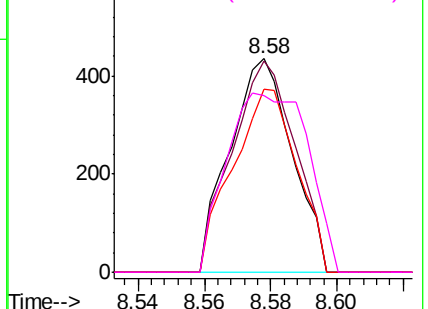
#47
Tetrachloroethene
Concen: 0.091 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
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ClientSampleId :
DBCT5

Tgt Ion: 164 Resp: 569
Ion Ratio Lower Upper
164 100
129 98.9 68.0 126.4
131 86.0 69.4 128.8
166 82.8 86.6 160.8#

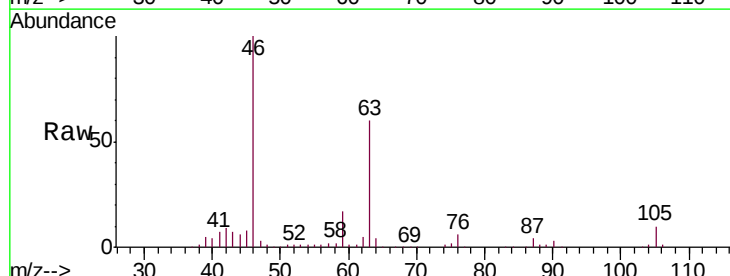


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

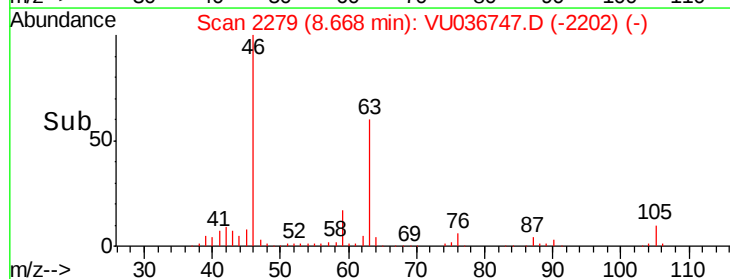
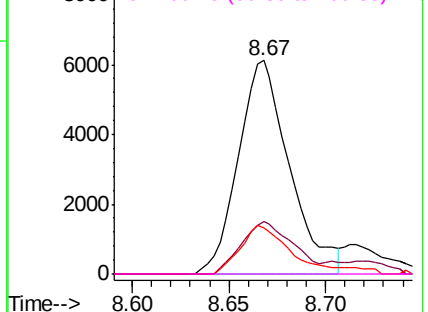


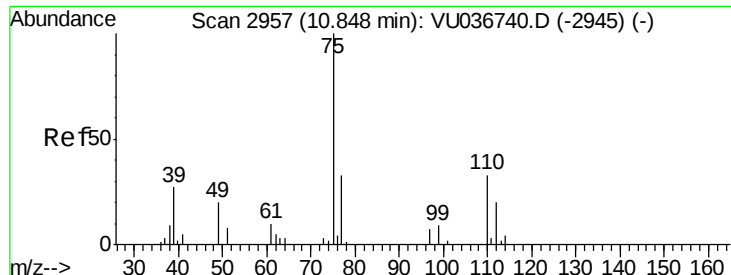
#48
2-Hexanone
Concen: 2.080 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036747.D
Acq: 12 Feb 2020 13:47

Tgt Ion: 43 Resp: 11264
Ion Ratio Lower Upper
43 100
58 24.5 43.6 65.4#
57 23.5 15.0 22.4#
100 0.0 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.132 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036747.D

Acq: 12 Feb 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

DBCT5

Tgt Ion: 75 Resp: 7326

Ion Ratio Lower Upper

75 100

77 35.5 25.6 38.4

