

Data File : VU037640.D
Acq On : 10 Apr 2020 00:46
Operator : JC/MD
Sample : L1885-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0EY0

Quant Time: Apr 10 06:07:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 06:05:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	512322	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	484095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	191827	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.66%
7) Chloroethane-d5	1.93	69	165419	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	249371	34.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.34%
21) 2-Butanone-d5	4.66	46	357884	98.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.63%
24) Chloroform-d	5.10	84	315896	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.74	65	227923	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
32) Benzene-d6	5.76	84	698971	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.72	67	234336	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.92	98	629990	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	8.20	79	120023	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.66	63	267771	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325973	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	12.21	152	233175	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

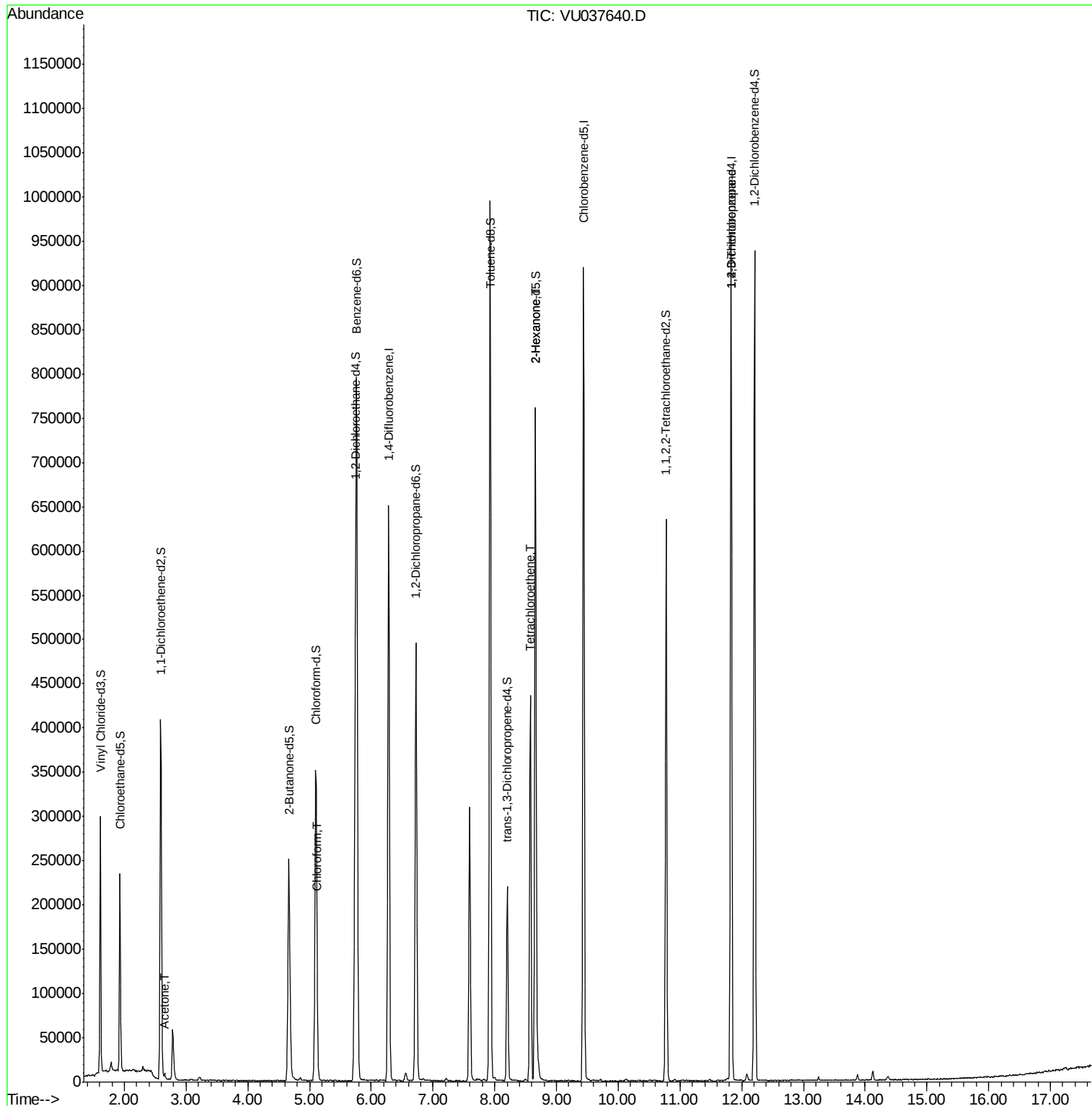
					Qvalue
13) Acetone	2.65	43	7242	3.379 ug/L	97
25) Chloroform	5.13	83	11333	1.749 ug/L	92
46) Tetrachloroethene	8.58	164	95387	35.351 ug/L	97
48) 2-Hexanone	8.66	43	30110	5.304 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	32126	5.842 ug/L	92

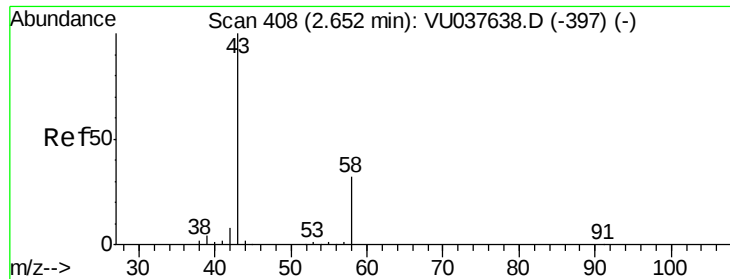
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.379 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

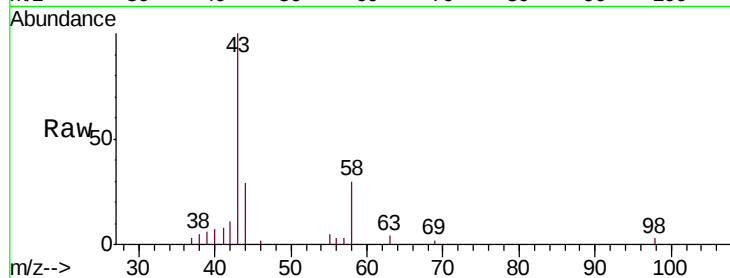
C0EY0

Tgt Ion: 43 Resp: 7242

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037638.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037638.D (-397) (-)

2.65

5000

4000

3000

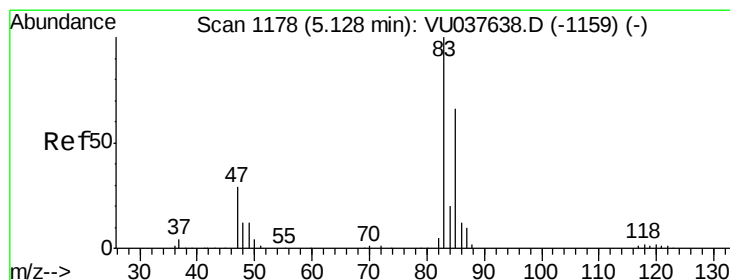
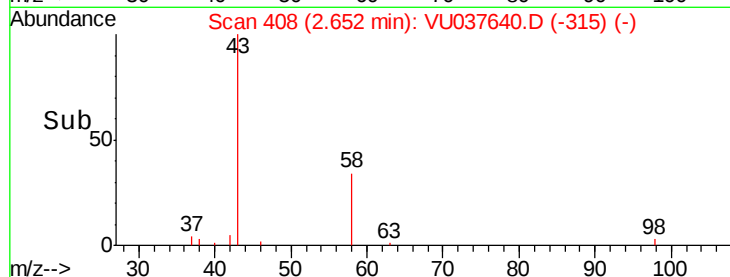
2000

1000

0

Time-->

2.60 2.65 2.70



#25

Chloroform

Concen: 1.749 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

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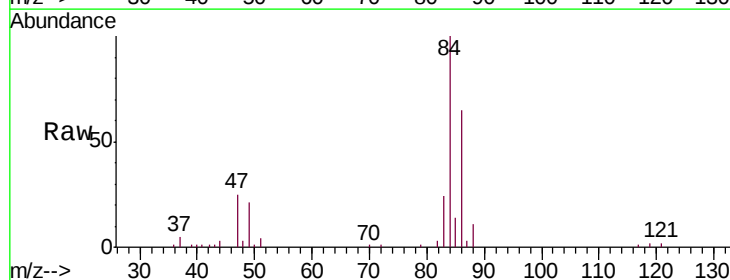
Acq: 10 Apr 2020 00:46

Tgt Ion: 83 Resp: 11333

Ion Ratio Lower Upper

83 100

85 58.3 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VU037638.D (-1159) (-)

Ion 85.00 (84.70 to 85.70): VU037638.D (-1159) (-)

5.13

6000

5000

4000

3000

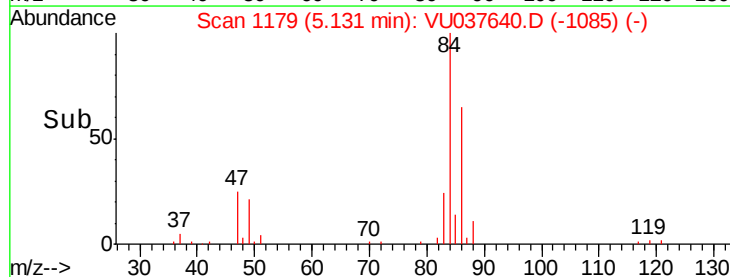
2000

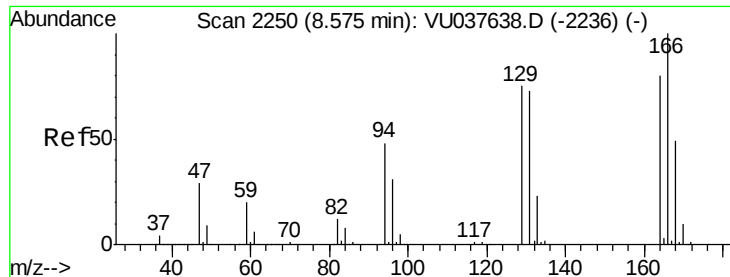
1000

0

Time-->

5.10 5.15

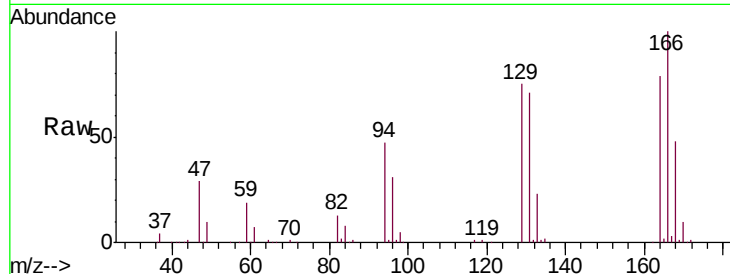




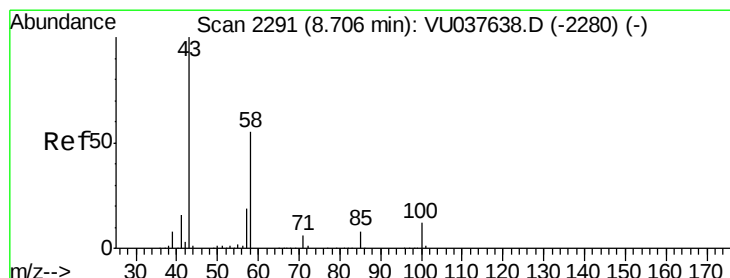
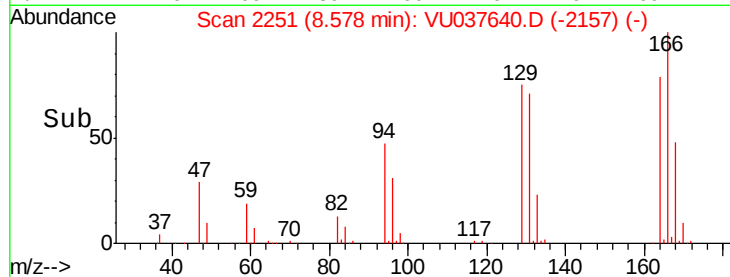
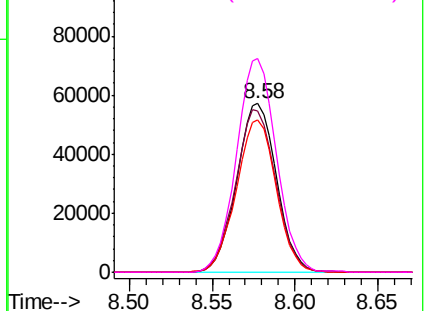
#46
Tetrachloroethene
Concen: 35.351 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
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MSVOA_U
ClientSampleId :
C0EY0

Tgt Ion:164 Resp: 95387
Ion Ratio Lower Upper
164 100
129 95.6 68.0 126.2
131 90.4 65.8 122.2
166 126.7 92.0 170.9

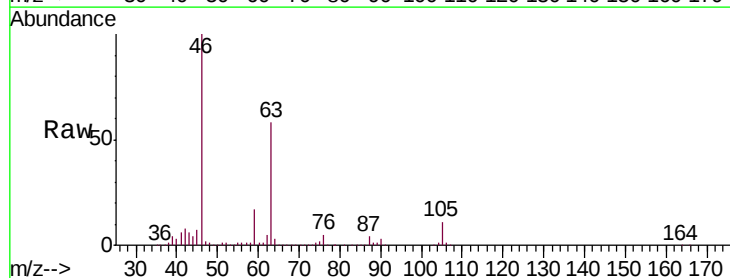


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

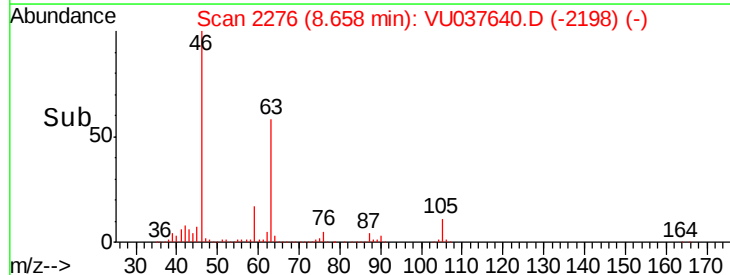
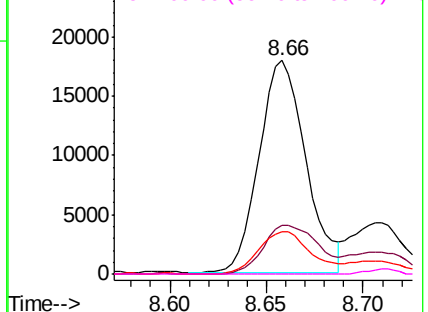


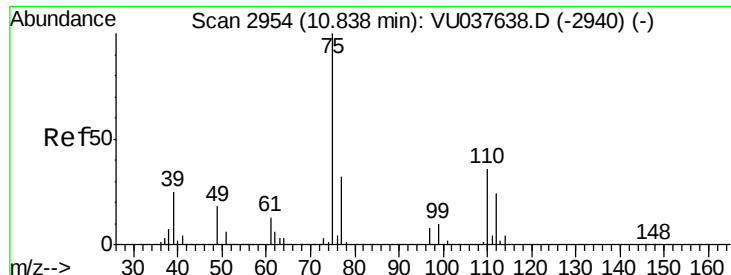
#48
2-Hexanone
Concen: 5.304 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU037640.D
Acq: 10 Apr 2020 00:46

Tgt Ion: 43 Resp: 30110
Ion Ratio Lower Upper
43 100
58 27.2 44.0 66.0#
57 23.0 15.2 22.8#
100 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.842 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037640.D

Acq: 10 Apr 2020 00:46

Instrument :

MSVOA_U

ClientSampleId :

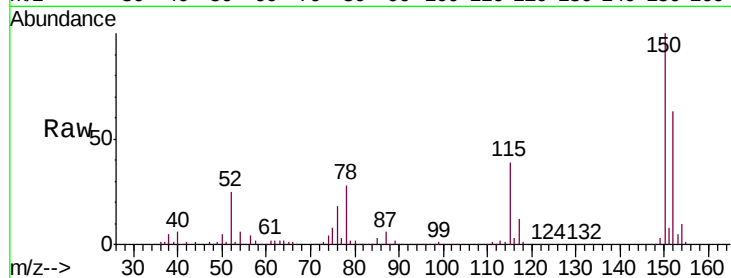
C0EY0

Tgt Ion: 75 Resp: 32126

Ion Ratio Lower Upper

75 100

77 36.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

