

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037101.D
 Acq On : 06 Mar 2020 11:56
 Operator : JC/MD
 Sample : VU0306WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:01:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262551	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83403	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93463	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.93	69	85660	46.95	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.59	63	123189	33.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.72%
21) 2-Butanone-d5	4.67	46	141584	95.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.73%
24) Chloroform-d	5.11	84	156005	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.74	65	106314	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.76	84	337097	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.72	67	112319	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.92	98	295568	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	8.20	79	45617	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.66	63	93179	82.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	150903	46.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	80261	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

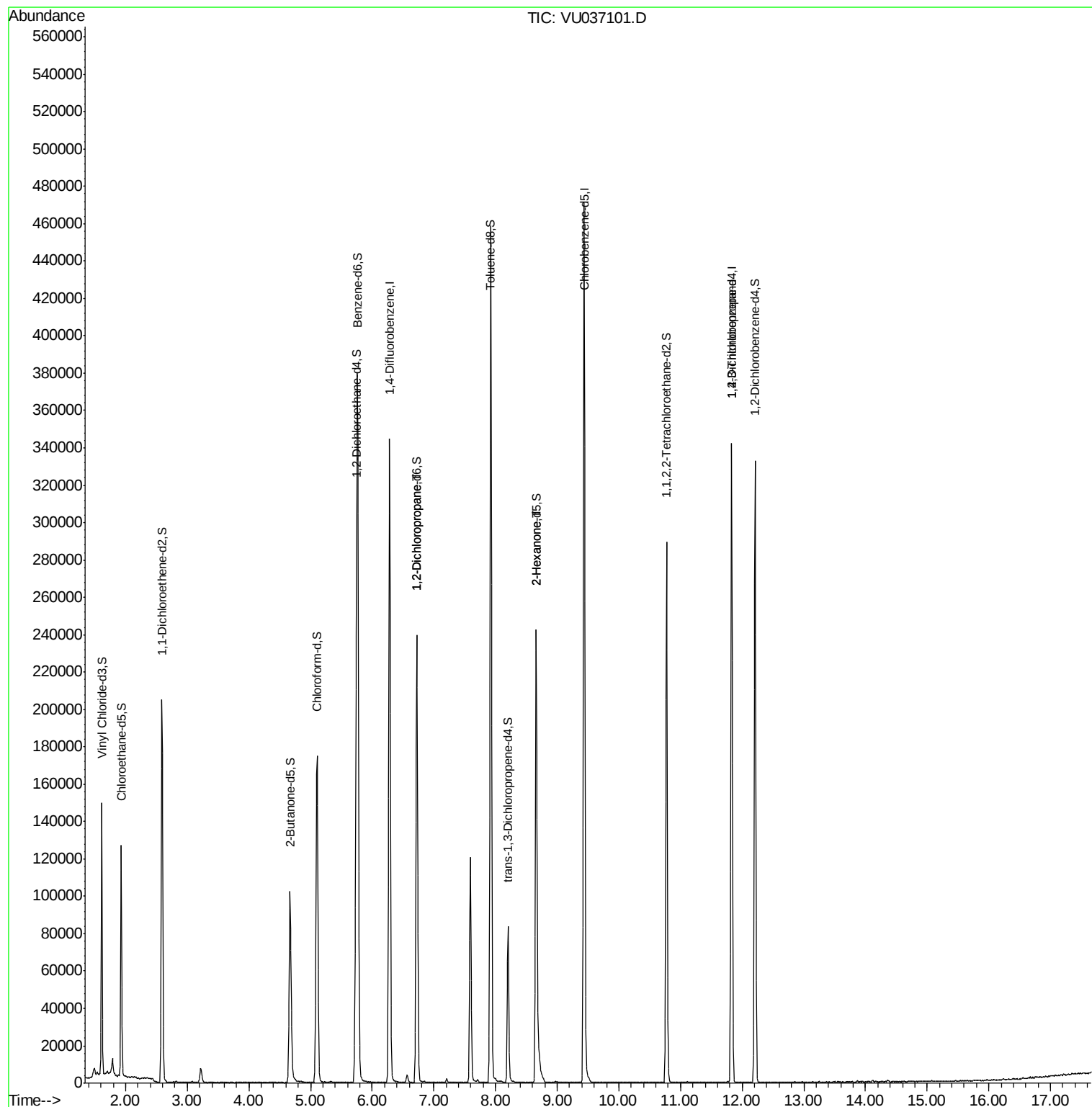
					Ovalue
37) 1,2-Dichloropropane	6.72	63	12173	5.790 ug/L #	88
48) 2-Hexanone	8.66	43	10948	4.429 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	12887	4.765 ug/L	91

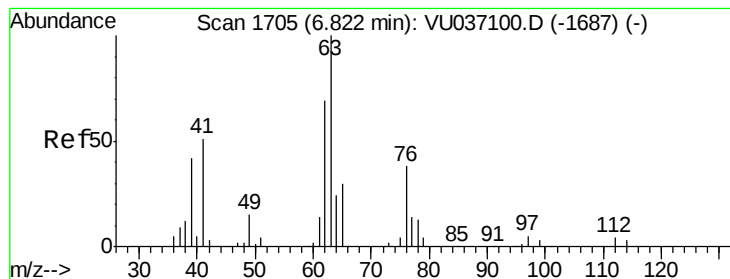
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 5.790 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037101.D

Acq: 06 Mar 2020 11:56

Instrument :

MSVOA_U

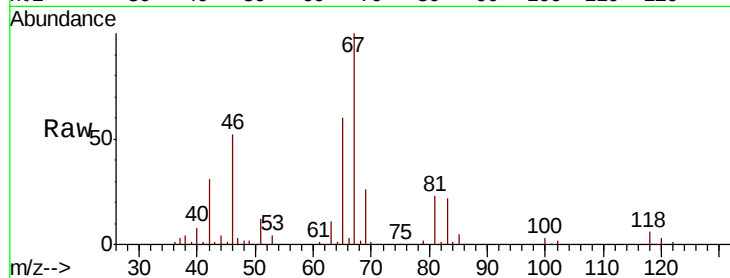
ClientSampleId :

Tot Ion: 63 Resp: 12173

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037101.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU037101.D (-1674) (-)

6.72

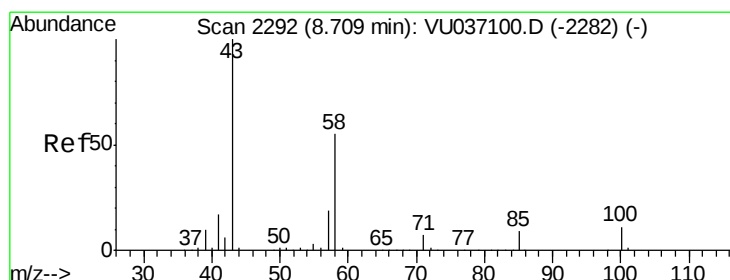
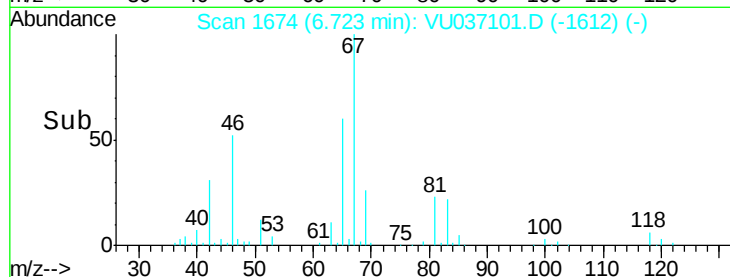
6000

4000

2000

0

Time--> 6.65 6.70 6.75



#48

2-Hexanone

Concen: 4.429 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 10948

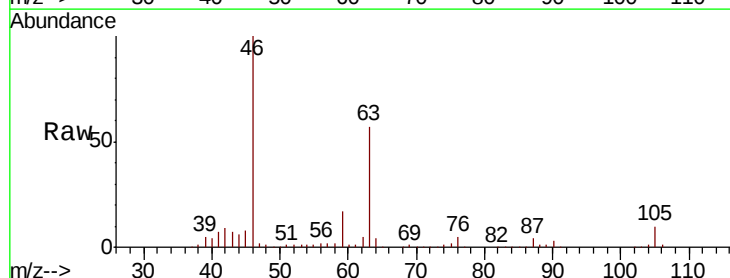
Ion Ratio Lower Upper

43 100

58 28.3 43.5 65.3#

57 27.4 15.1 22.7#

100 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU037101.D (-2199) (-)

Ion 58.00 (57.70 to 58.70): VU037101.D (-2199) (-)

Ion 57.00 (56.70 to 57.70): VU037101.D (-2199) (-)

Ion 100.00 (99.70 to 100.70): VU037101.D (-2199) (-)

8.66

8000

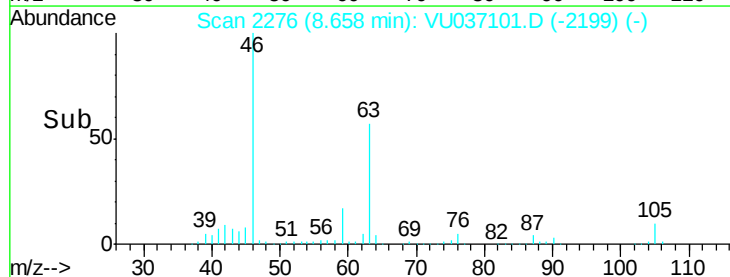
6000

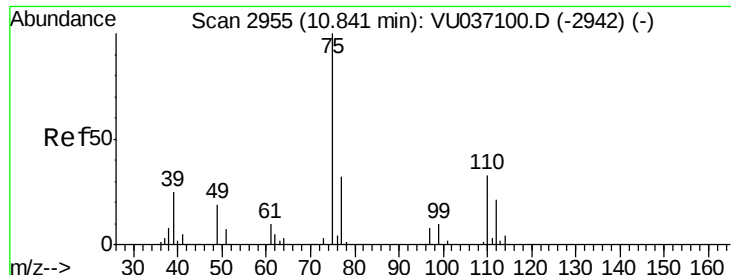
4000

2000

0

Time--> 8.60 8.65 8.70





#59

1,2,3-Trichloropropane

Concen: 4.765 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037101.D

Acq: 06 Mar 2020 11:56

Instrument :

MSVOA_U

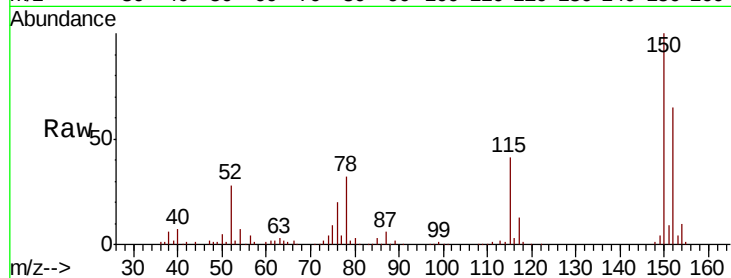
ClientSampleId :

Tot Ion: 75 Resp: 12887

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

