

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037216.D
 Acq On : 13 Mar 2020 02:07
 Operator : JC/MD
 Sample : L1886-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	389016	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	379585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161138	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130070	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	112637	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.59	63	190760	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	4.67	46	247557	103.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.90%
24) Chloroform-d	5.11	84	274347	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
26) 1,2-Dichloroethane-d4	5.74	65	206201	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
32) Benzene-d6	5.76	84	500071	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.72	67	165158	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.92	98	462469	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	84497	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.66	63	171180	96.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	247055	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	175403	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%

Target Compounds

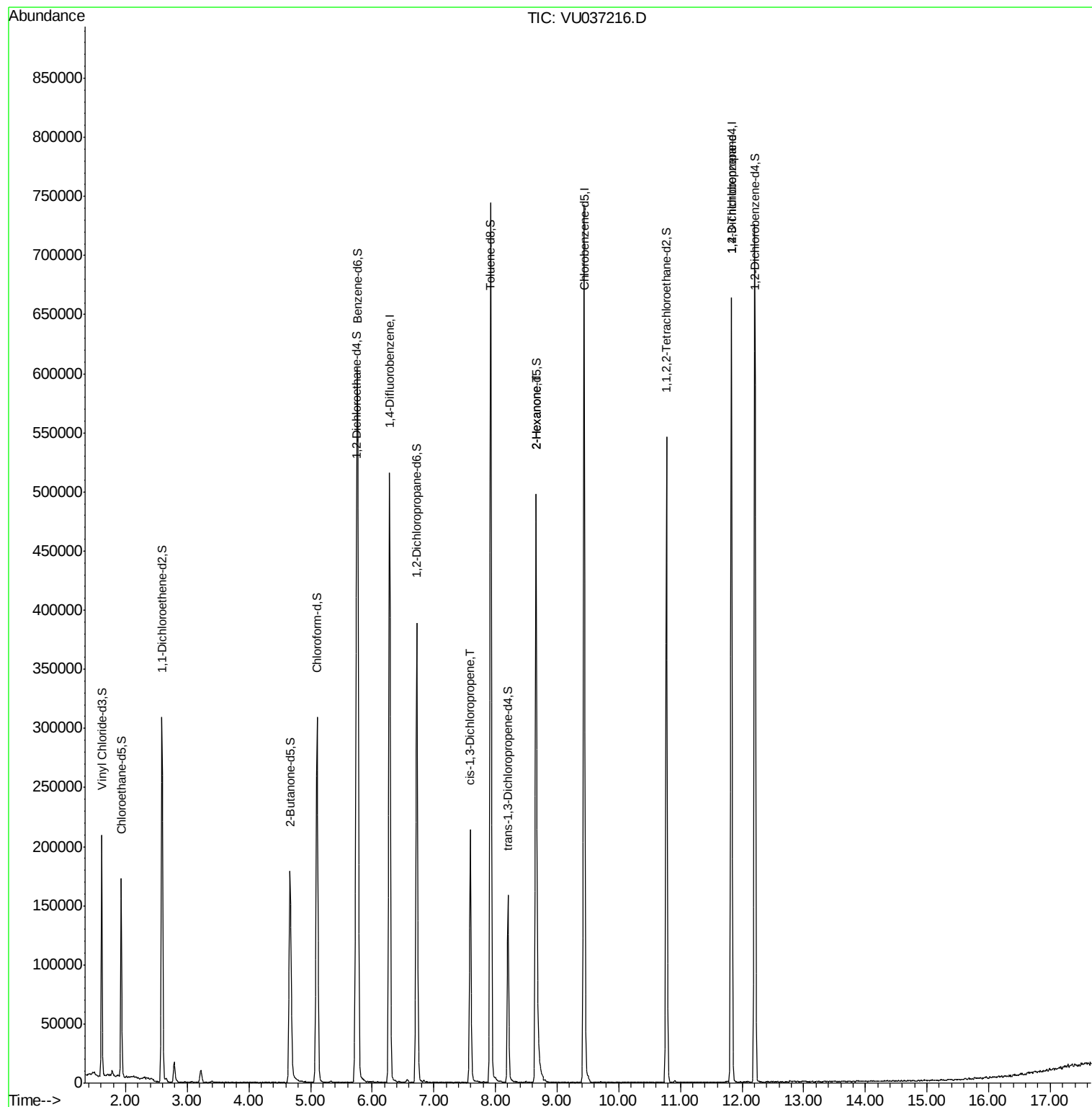
					Ovalue
39) cis-1,3-Dichloropropene	7.59	75	7036	1.427 ug/L	83
48) 2-Hexanone	8.66	43	22418	5.495 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	22573	5.106 ug/L #	84

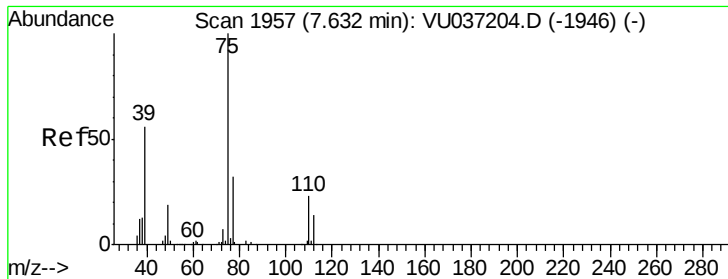
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#39

cis-1,3-Dichloropropene

Concen: 1.427 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037216.D

Acq: 13 Mar 2020 02:07

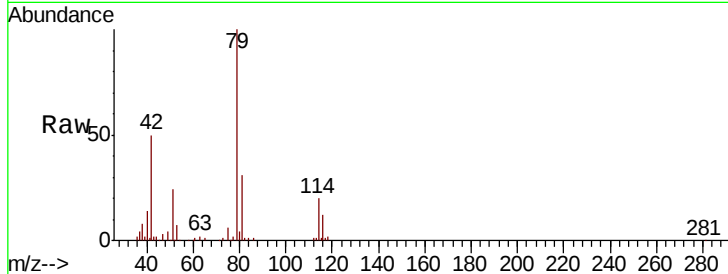
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 7036

Ion Ratio Lower Upper

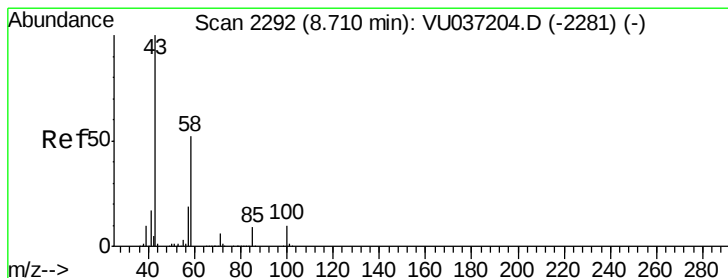
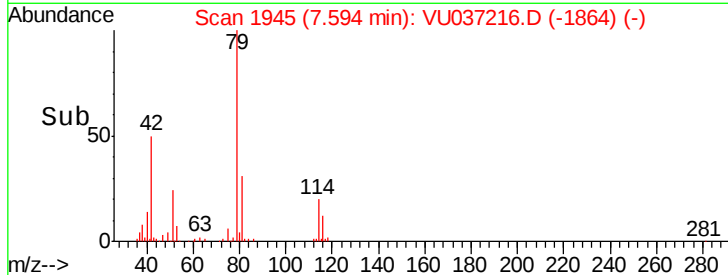
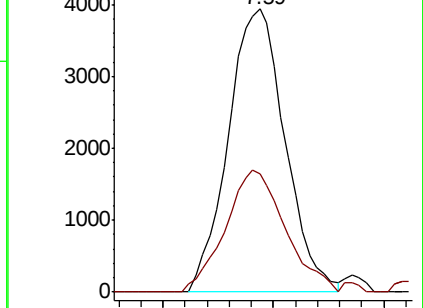
75 100

77 41.7 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VU037216.D (-1946) (-)

Ion 77.00 (76.70 to 77.70): VU037216.D (-1946) (-)



#48

2-Hexanone

Concen: 5.495 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU037216.D

Acq: 13 Mar 2020 02:07

Tgt Ion: 43 Resp: 22418

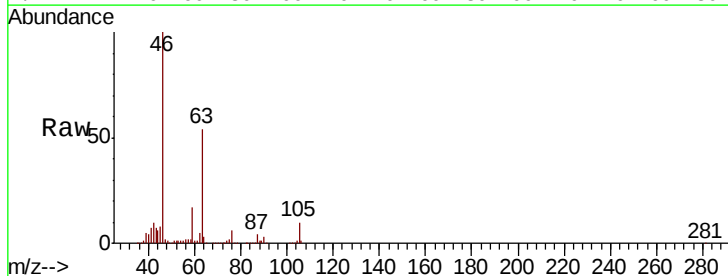
Ion Ratio Lower Upper

43 100

58 26.4 39.8 59.6#

57 28.5 14.5 21.7#

100 0.2 7.9 11.9#

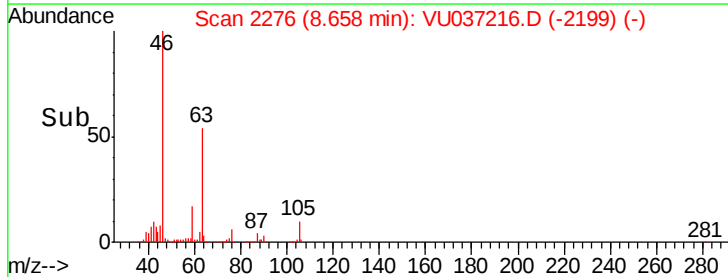
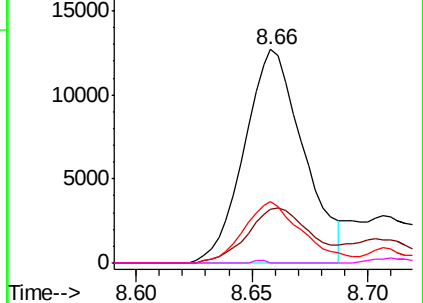


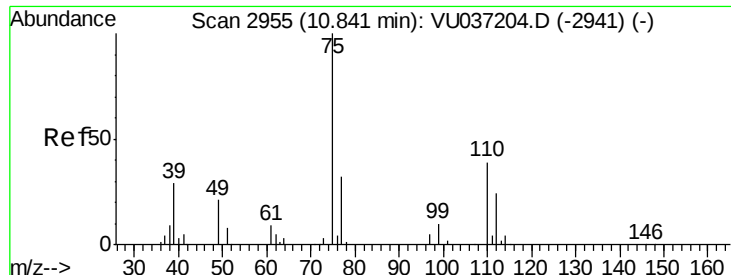
Abundance Ion 43.00 (42.70 to 43.70): VU037216.D (-2281) (-)

Ion 58.00 (57.70 to 58.70): VU037216.D (-2281) (-)

Ion 57.00 (56.70 to 57.70): VU037216.D (-2281) (-)

Ion 100.00 (99.70 to 100.70): VU037216.D (-2281) (-)





#59

1,2,3-Trichloropropane

Concen: 5.106 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037216.D

Acq: 13 Mar 2020 02:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22573

Ion Ratio Lower Upper

75 100

77 40.3 25.0 37.6#

