

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082218\
 Data File : VU026250.D
 Acq On : 22 Aug 2018 16:26
 Operator : MD/SY
 Sample : J4598-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBN3

Quant Time: Aug 23 07:28:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:27:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	281961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	275909	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81584	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.88%
7) Chloroethane-d5	1.68	69	68716	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	124555	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
21) 2-Butanone-d5	4.18	46	148331	108.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.07%
24) Chloroform-d	4.65	84	189305	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.31	65	127037	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
32) Benzene-d6	5.35	84	365262	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
36) 1,2-Dichloropropane-d6	6.33	67	119154	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.57	98	332325	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	58455	47.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.48%
47) 2-Hexanone-d5	8.31	63	107058	105.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	168286	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	140873	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

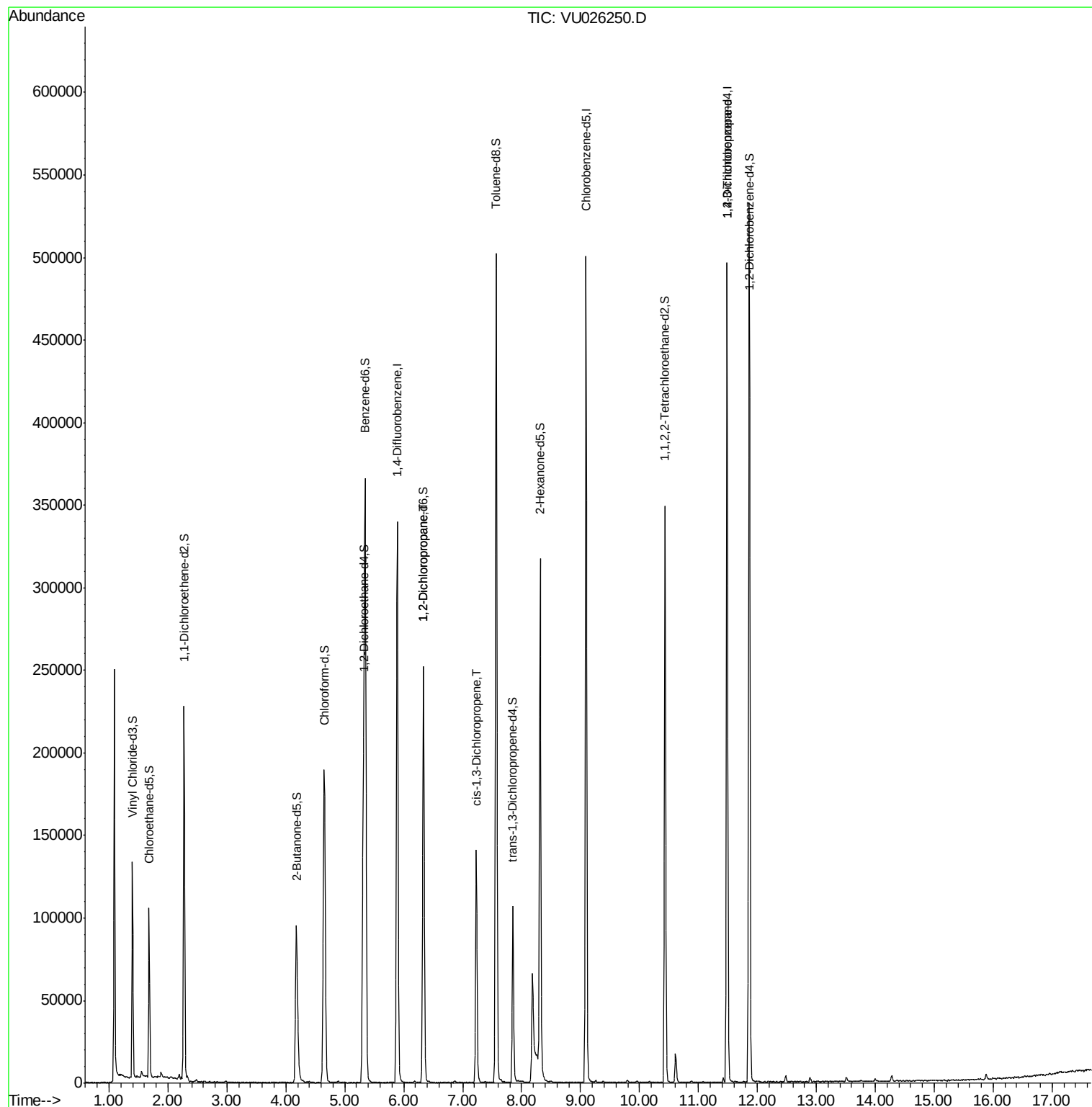
					Qvalue
37) 1,2-Dichloropropane	6.33	63	13508	6.571 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3838	1.229 ug/L #	45
59) 1,2,3-Trichloropropane	11.49	75	15354	5.991 ug/L	96

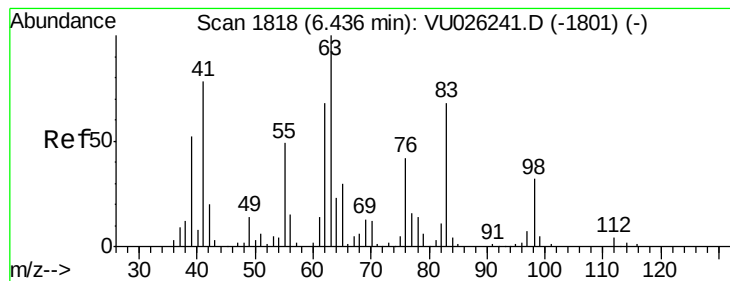
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 6.571 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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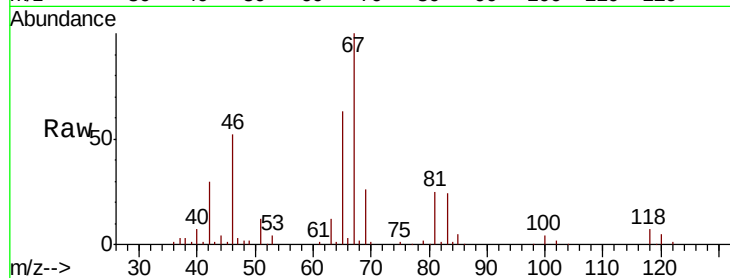
ETBN3

Tgt Ion: 63 Resp: 13508

Ion Ratio Lower Upper

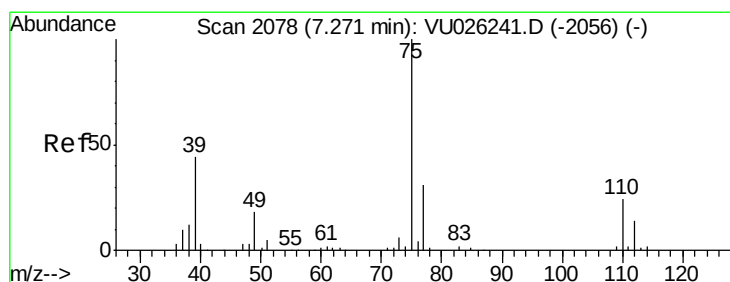
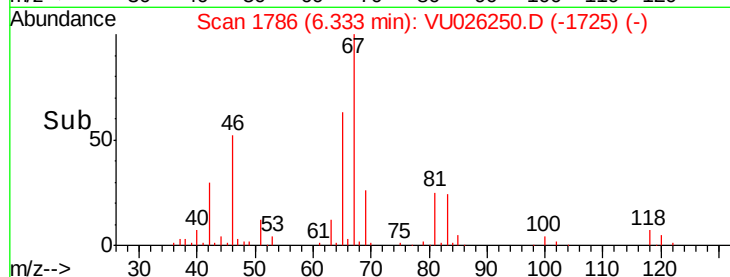
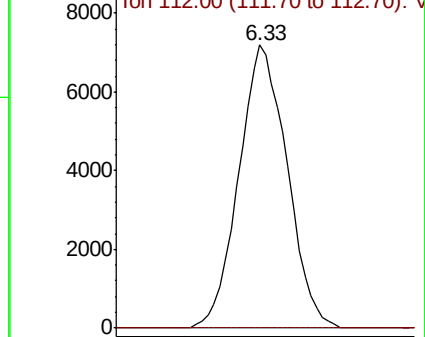
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU026250.D (-1725) (-)

Ion 112.00 (111.70 to 112.70): VU026250.D (-1725) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.229 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026250.D

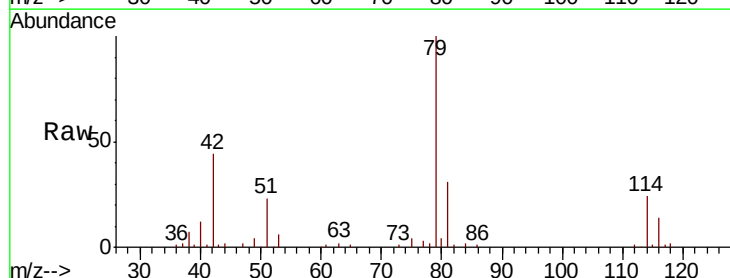
Acq: 22 Aug 2018 16:26

Tgt Ion: 75 Resp: 3838

Ion Ratio Lower Upper

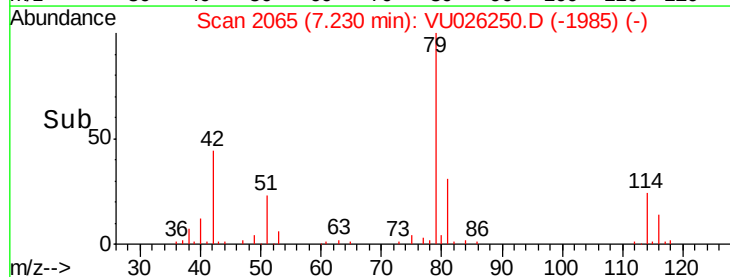
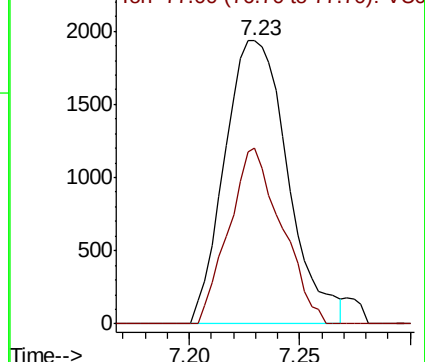
75 100

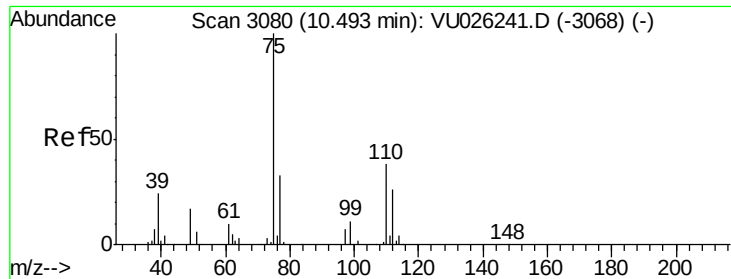
77 61.9 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU026250.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU026250.D (-1985) (-)





#59

1,2,3-Trichloropropane

Concen: 5.991 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 15354

Ion Ratio Lower Upper

75 100

77 34.3 25.5 38.3

