

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082218\
 Data File : VU026249.D
 Acq On : 22 Aug 2018 16:02
 Operator : MD/SY
 Sample : J4598-02 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ6

Quant Time: Aug 23 07:28:05 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	296691	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136213	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84416	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.30%
7) Chloroethane-d5	1.68	69	70338	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.27	63	128812	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	4.18	46	151399	104.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.83%
24) Chloroform-d	4.65	84	195413	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.31	65	134541	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.35	84	380773	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
36) 1,2-Dichloropropane-d6	6.33	67	122679	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.57	98	348235	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.85	79	61406	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.08%
47) 2-Hexanone-d5	8.31	63	109209	104.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	177249	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	147108	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

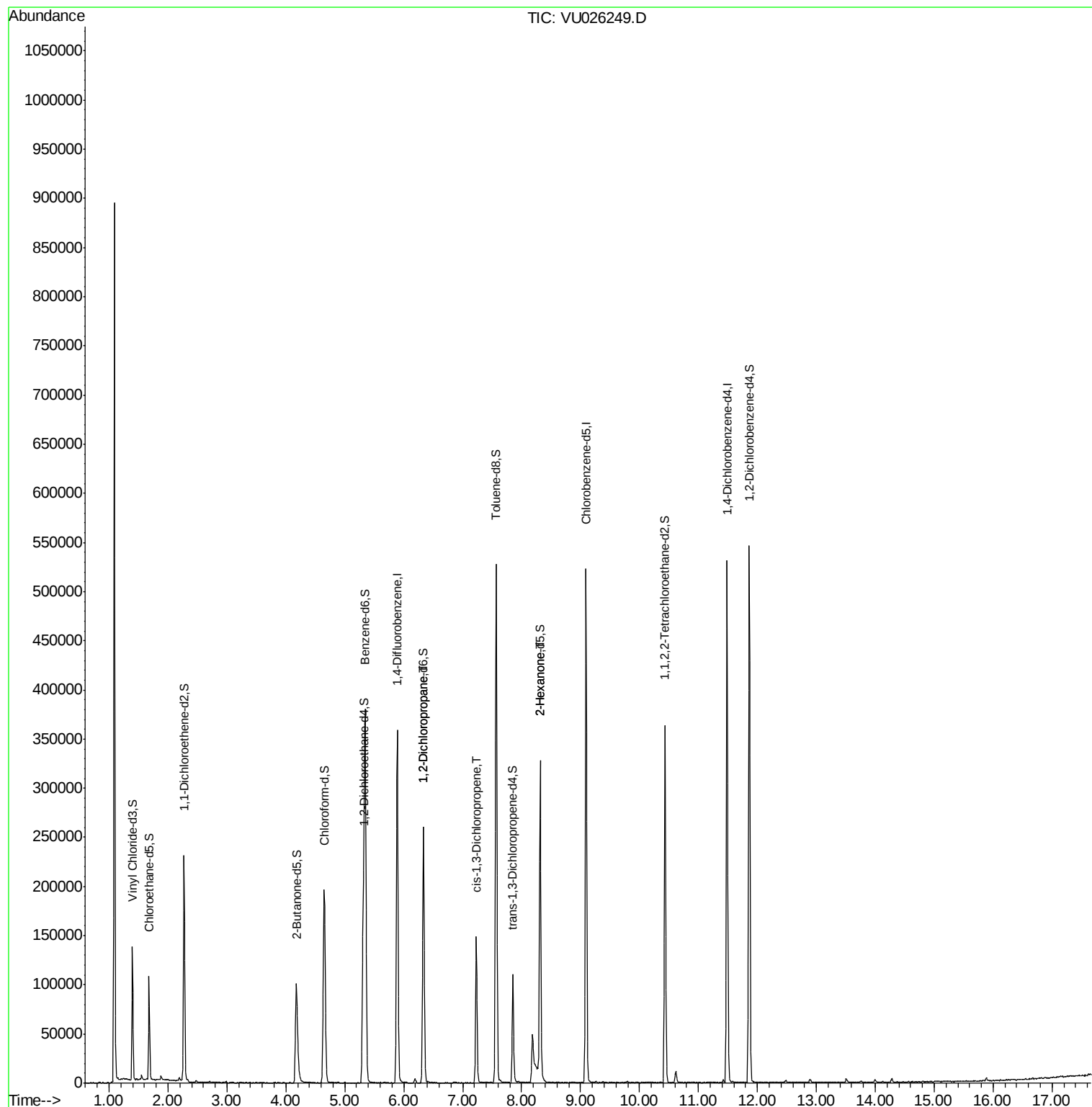
Target Compounds					Qvalue
37) 1,2-Dichloropropane	6.33	63	14042	6.612 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3910	1.212 ug/L #	66
48) 2-Hexanone	8.31	43	12746	5.885 ug/L #	67

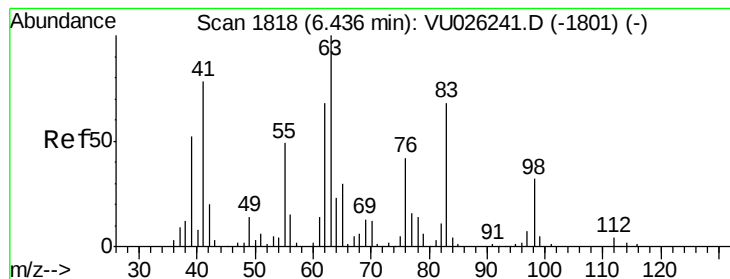
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 6.612 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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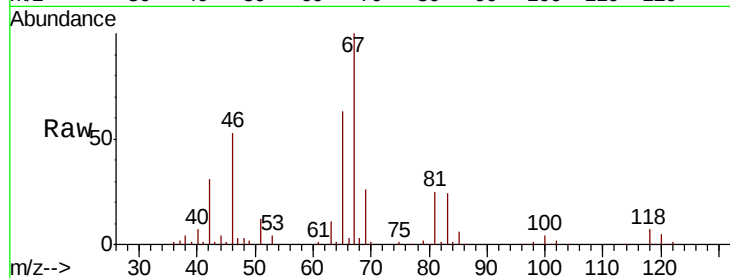
ETBJ6

Tgt Ion: 63 Resp: 14042

Ion Ratio Lower Upper

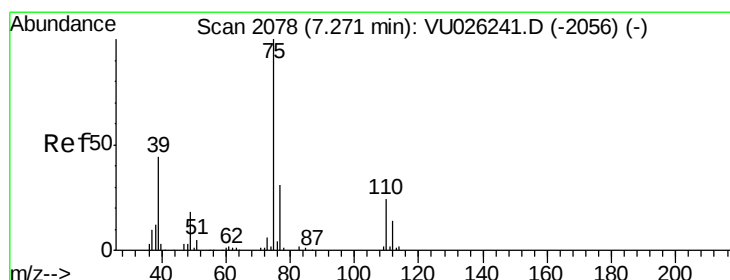
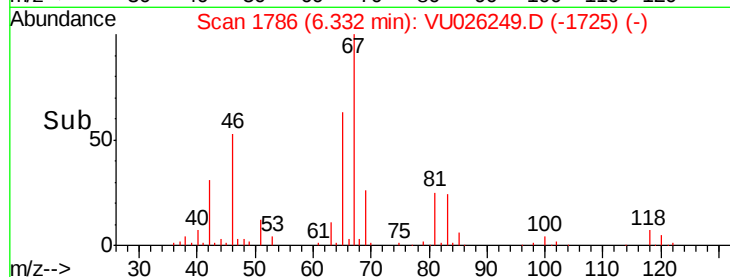
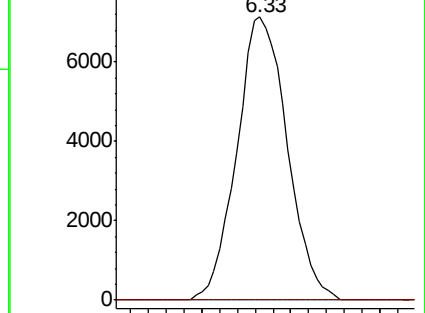
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.212 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026249.D

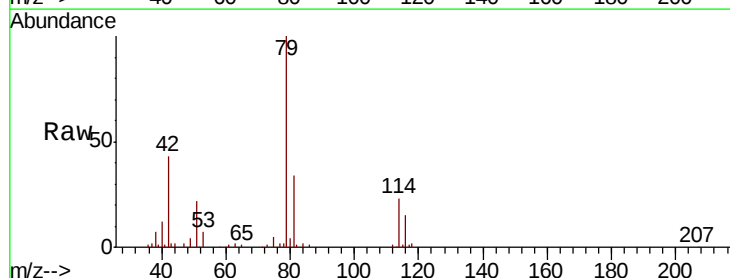
Acq: 22 Aug 2018 16:02

Tgt Ion: 75 Resp: 3910

Ion Ratio Lower Upper

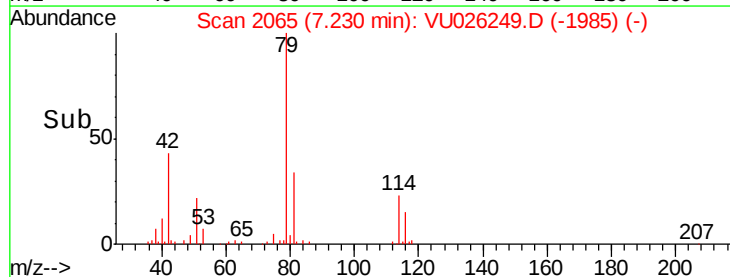
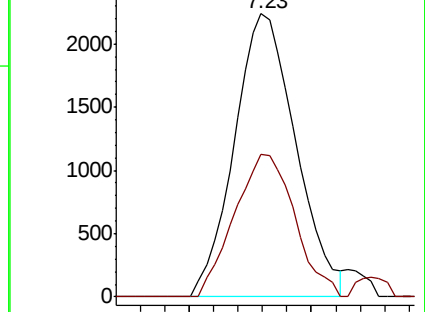
75 100

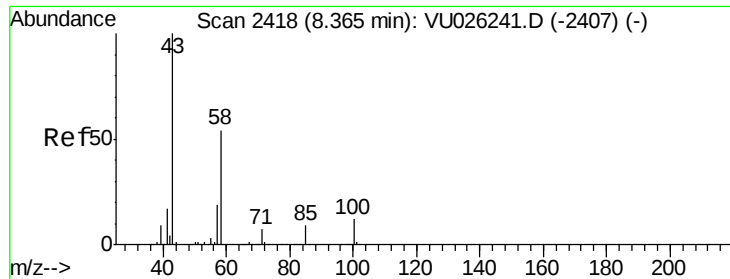
77 50.2 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 5.885 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

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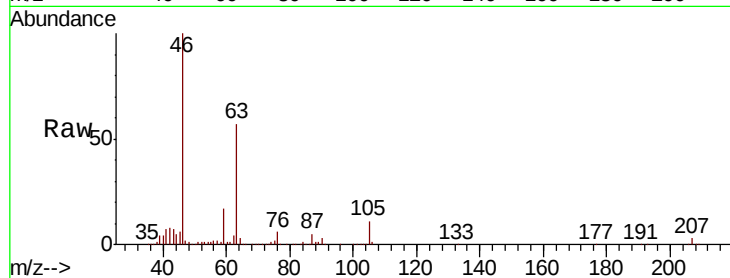
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Tgt Ion: 43 Resp: 12746

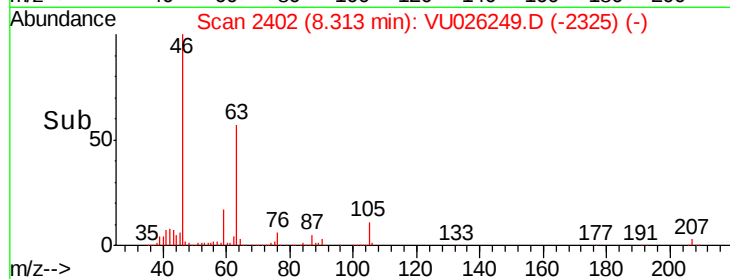
Ion Ratio Lower Upper

43 100

58 25.2 42.6 63.8#

57 27.3 15.1 22.7#

100 0.5 9.5 14.3#



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

