

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082218\
 Data File : VU026267.D
 Acq On : 22 Aug 2018 23:00
 Operator : MD/SY
 Sample : J4598-18 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBM2

Quant Time: Aug 23 07:47:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	282779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	131448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74667	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.68	69	64471	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.68%
11) 1,1-Dichloroethene-d2	2.27	63	113317	33.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.86%
21) 2-Butanone-d5	4.18	46	138509	100.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.65	84	177323	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.31	65	118657	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.35	84	336932	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
36) 1,2-Dichloropropane-d6	6.33	67	112606	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.57	98	303444	42.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.14%
43) trans-1,3-Dichloropropene-	7.85	79	53900	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.14%
47) 2-Hexanone-d5	8.31	63	94625	92.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158626	44.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	133681	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%

Target Compounds

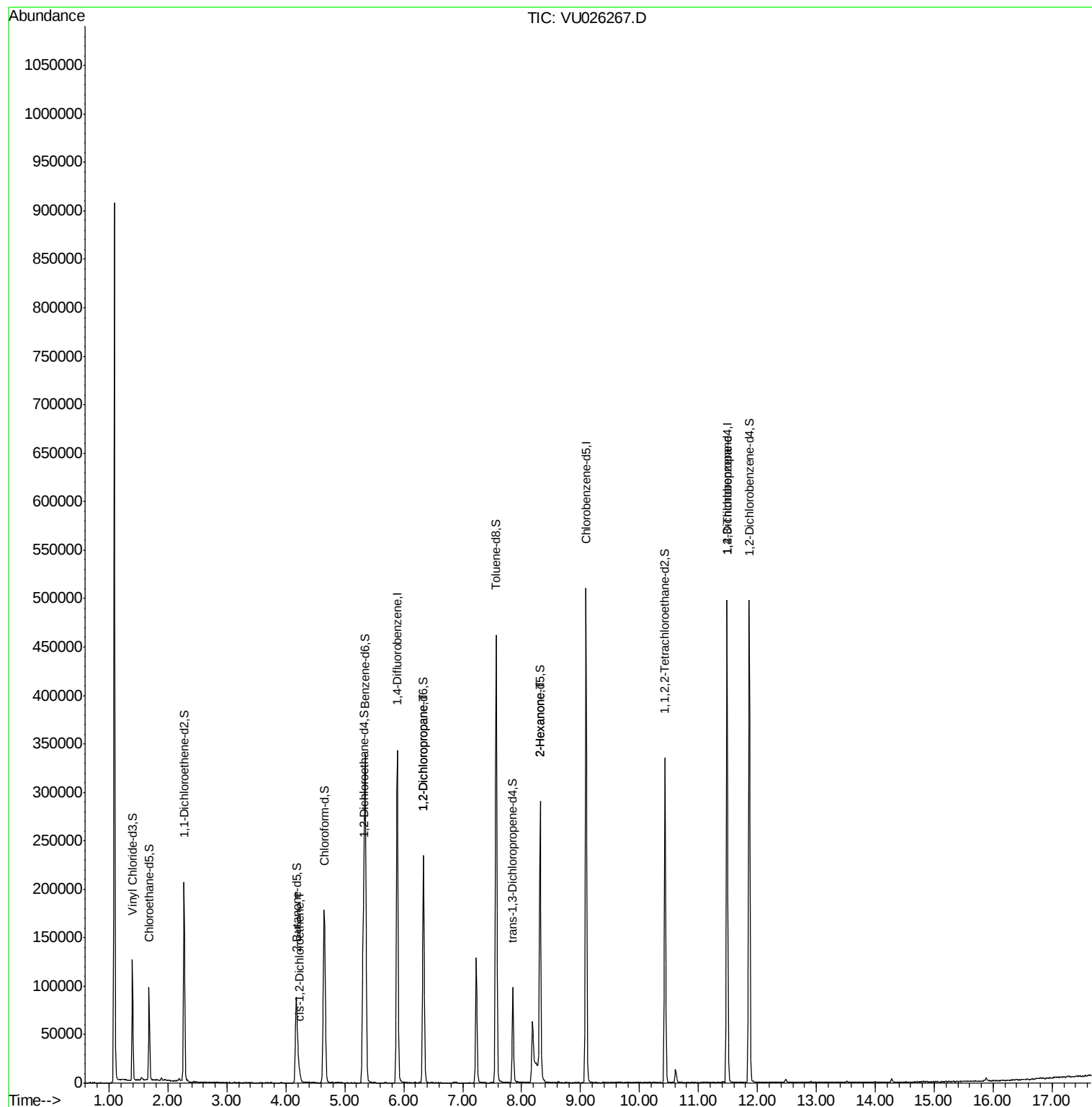
					Qvalue
20) cis-1,2-Dichloroethene	4.23	96	4628	2.285 ug/L	99
37) 1,2-Dichloropropane	6.33	63	12408	5.974 ug/L #	88
48) 2-Hexanone	8.31	43	11173	5.274 ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	14920	5.762 ug/L	90

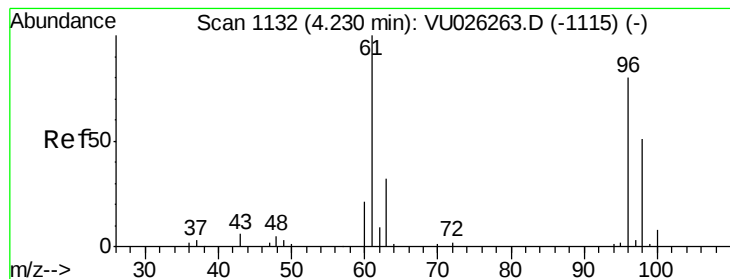
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.285 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

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ClientSampleId :

ETBM2

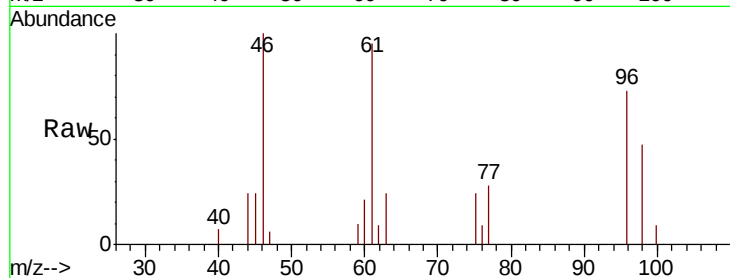
Tgt Ion: 96 Resp: 4628

Ion Ratio Lower Upper

96 100

61 129.9 90.3 167.7

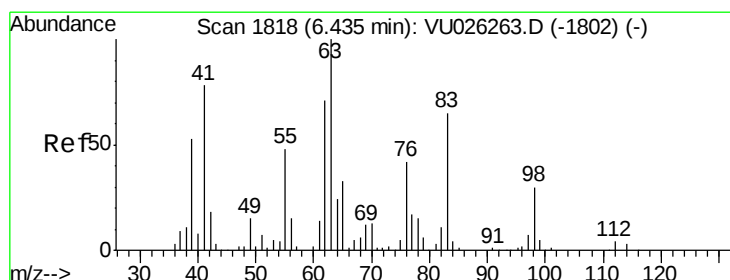
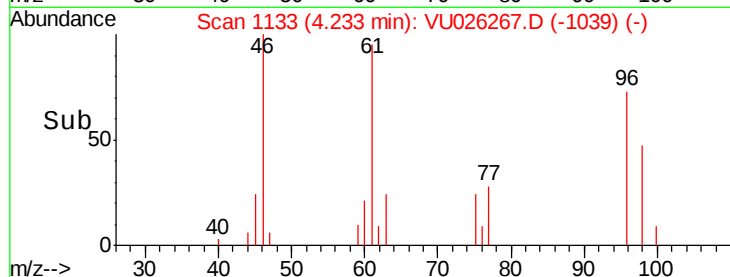
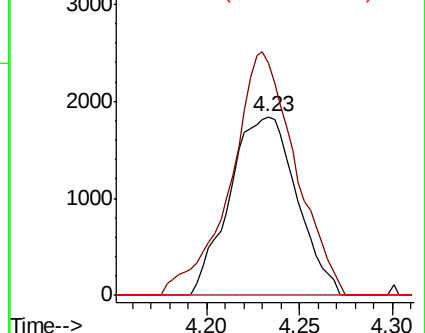
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#37

1,2-Dichloropropane

Concen: 5.974 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026267.D

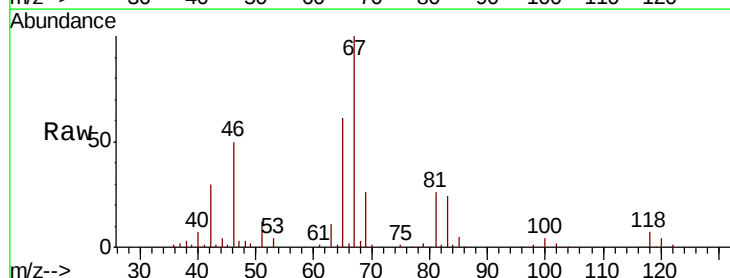
Acq: 22 Aug 2018 23:00

Tgt Ion: 63 Resp: 12408

Ion Ratio Lower Upper

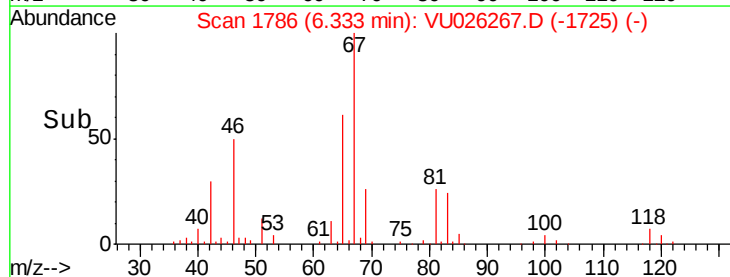
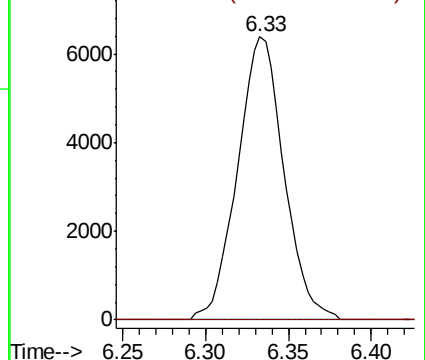
63 100

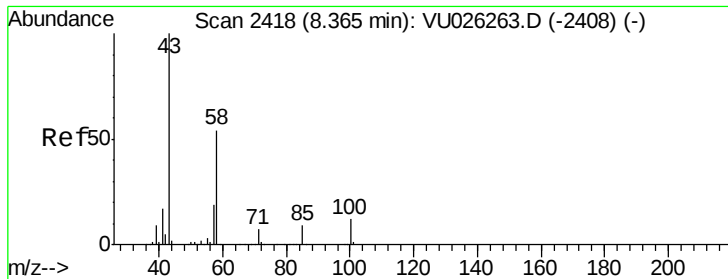
112 0.4 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

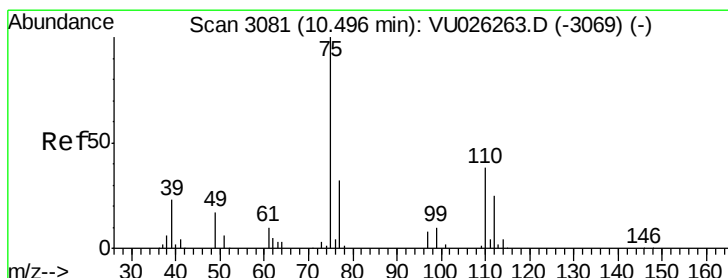
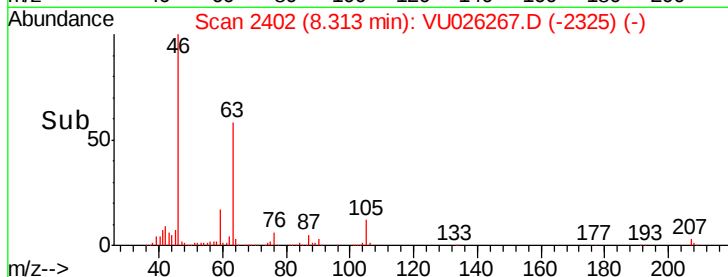
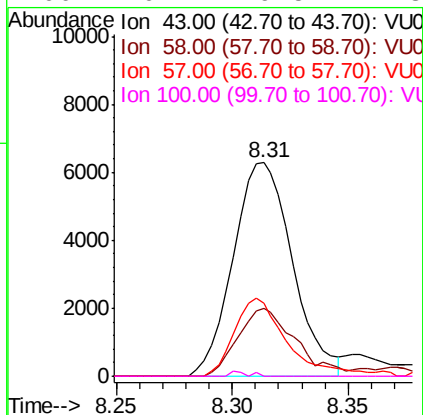
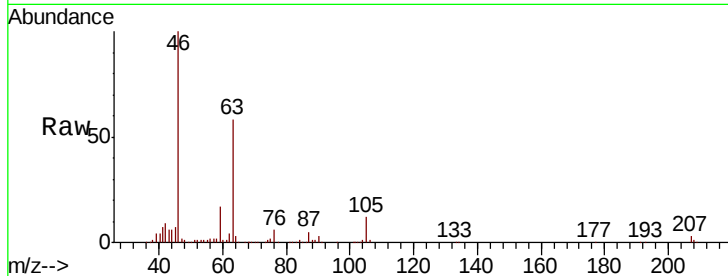




#48
 2-Hexanone
 Concen: 5.274 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026267.D
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Tgt Ion: 43 Resp: 11173
 Ion Ratio Lower Upper
 43 100
 58 28.6 42.6 63.8#
 57 32.2 15.1 22.7#
 100 0.2 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.762 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026267.D
 Acq: 22 Aug 2018 23:00

Tgt Ion: 75 Resp: 14920
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.5 38.3

