

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023980.D
 Acq On : 21 May 2018 20:18
 Operator : MD/SY
 Sample : J2959-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 22 01:10:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 01:05:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287609	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75551	28.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.54%#
7) Chloroethane-d5	1.68	69	69109	32.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.64%#
11) 1,1-Dichloroethene-d2	2.27	63	118980	24.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.52%#
21) 2-Butanone-d5	4.18	46	199980	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.65	84	171082	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
26) 1,2-Dichloroethane-d4	5.31	65	118922	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
32) Benzene-d6	5.35	84	323226	38.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.98%
36) 1,2-Dichloropropane-d6	6.34	67	118422	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.50%
41) Toluene-d8	7.57	98	278370	35.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.96%#
43) trans-1,3-Dichloropropene-	7.85	79	45955	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.04%
47) 2-Hexanone-d5	8.32	63	132249	101.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	181851	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.87	152	121202	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%

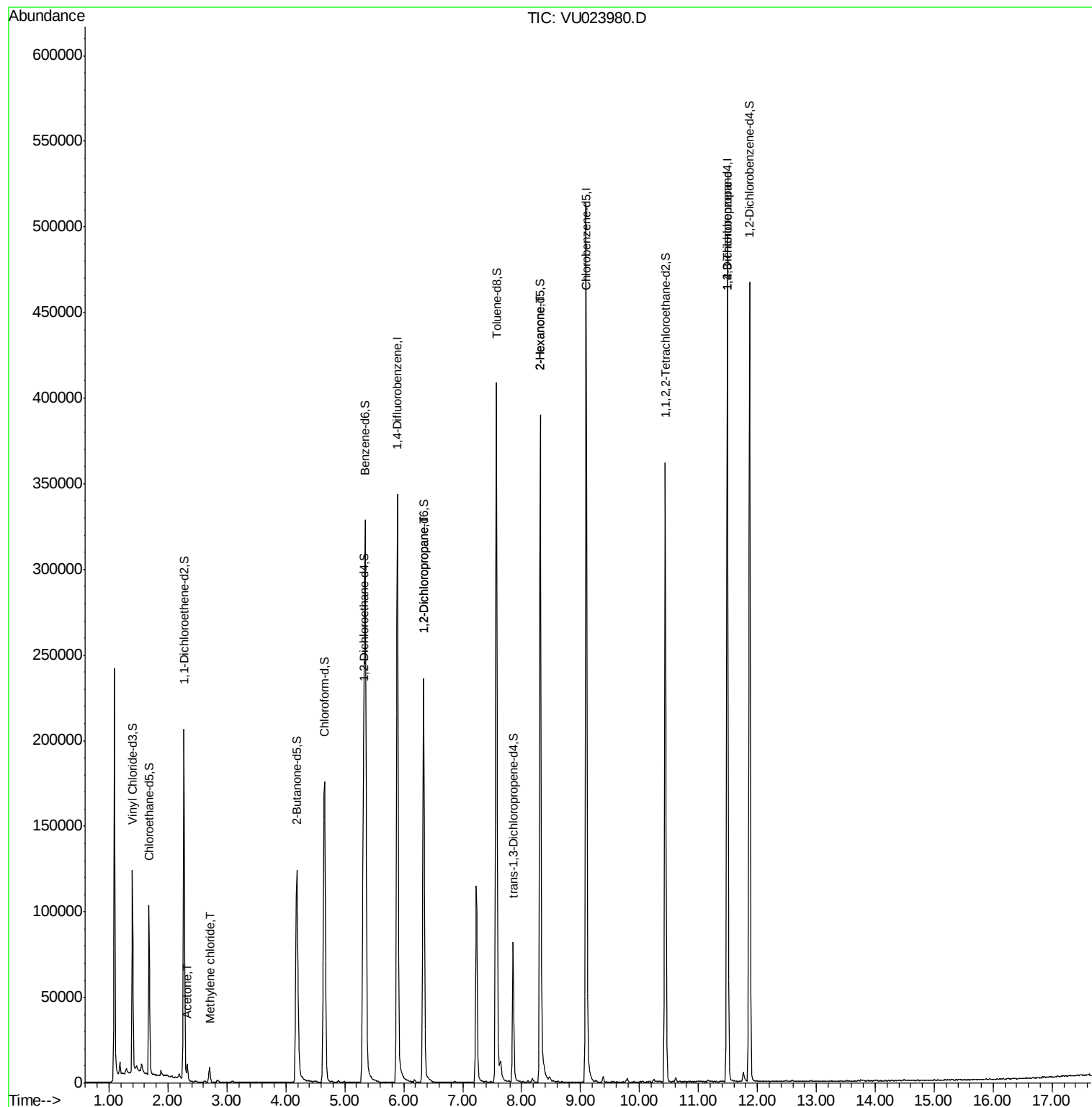
Target Compounds

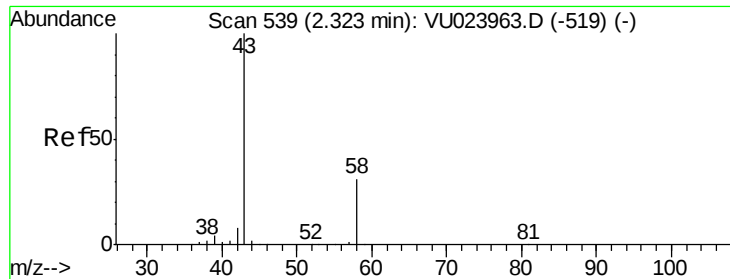
						Qvalue
13) Acetone	2.32	43	9134	4.88	ug/L	93
16) Methylene chloride	2.70	84	3453	1.35	ug/L	97
37) 1,2-Dichloropropane	6.34	63	12491	4.46	ug/L #	88
48) 2-Hexanone	8.31	43	15821	4.94	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	15593	4.29	ug/L	92

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

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#13

Acetone

Concen: 4.88 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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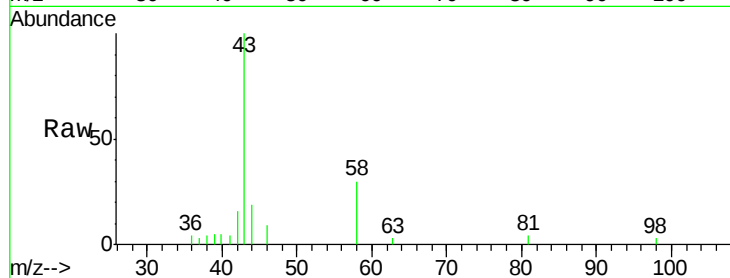
Acq: 21 May 2018 20:18

Tgt Ion: 43 Resp: 9134

Ion Ratio Lower Upper

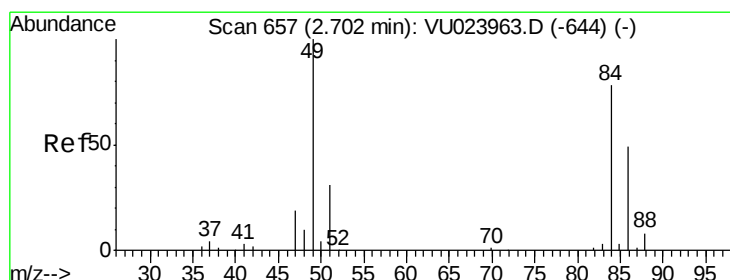
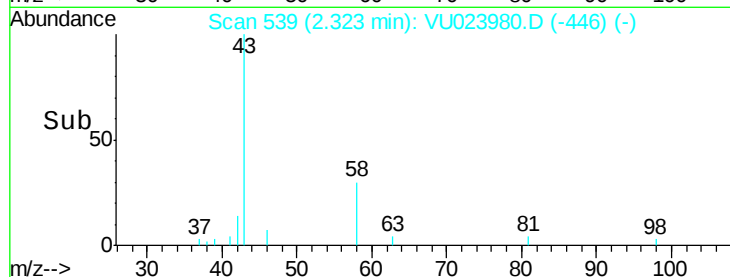
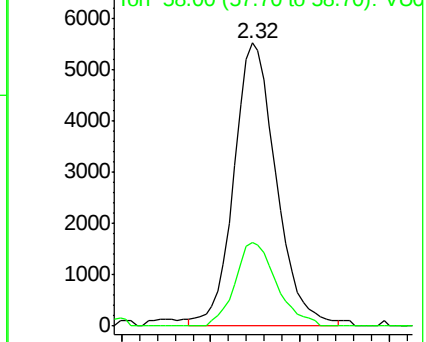
43 100

58 28.8 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 1.35 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU023980.D

Acq: 21 May 2018 20:18

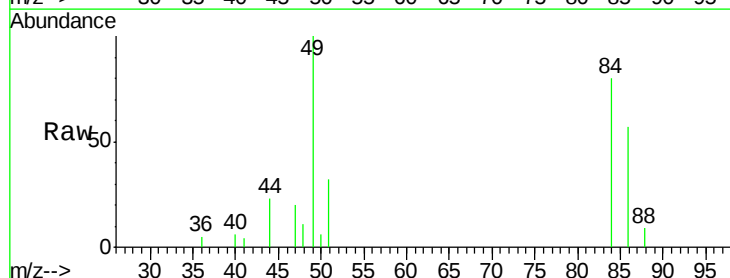
Tgt Ion: 84 Resp: 3453

Ion Ratio Lower Upper

84 100

86 70.7 44.6 82.8

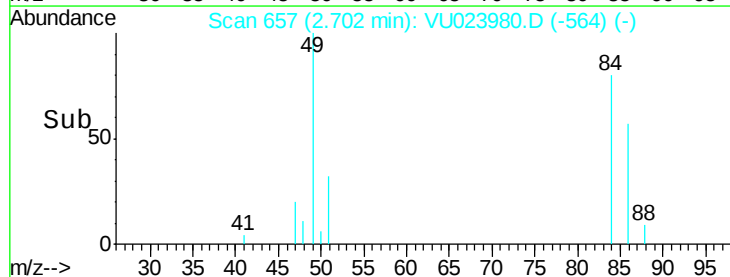
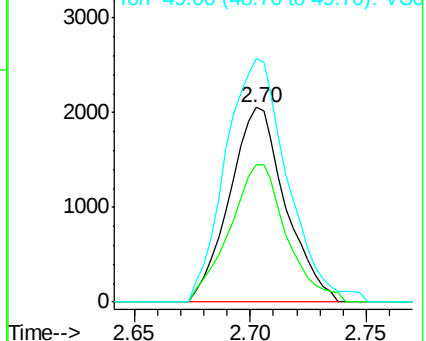
49 124.9 87.6 162.6

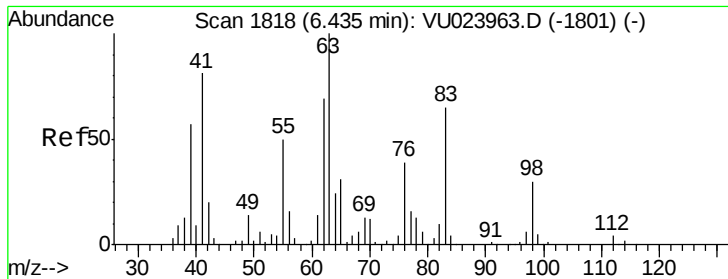


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

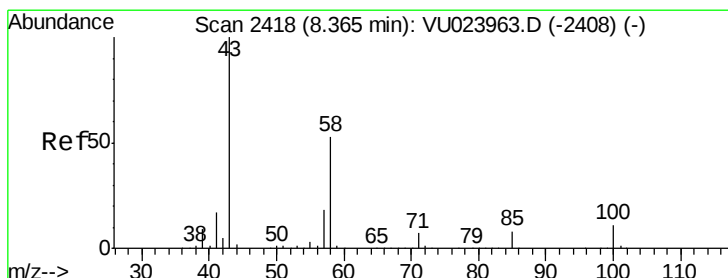
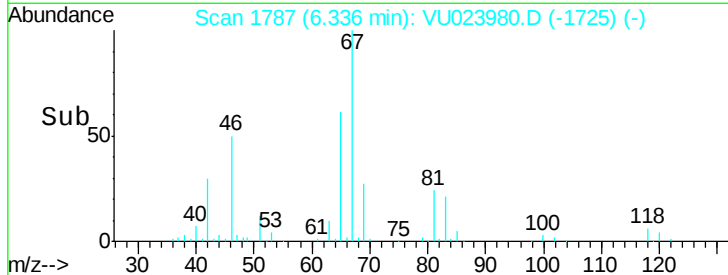
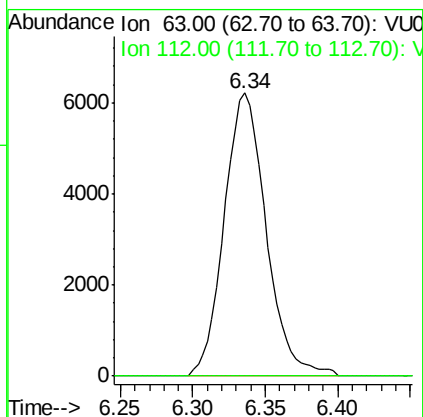
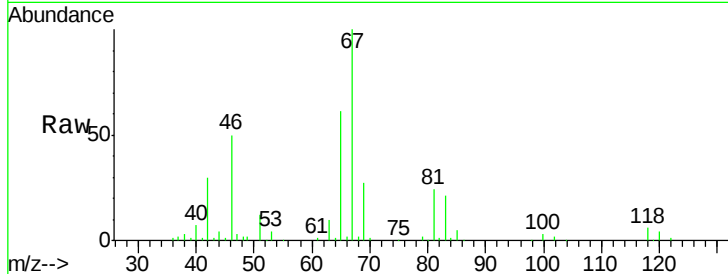
Ion 49.00 (48.70 to 49.70): VU0





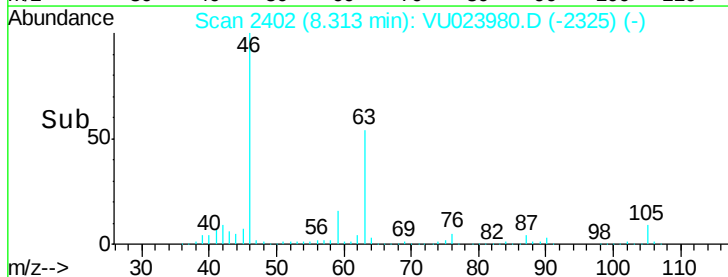
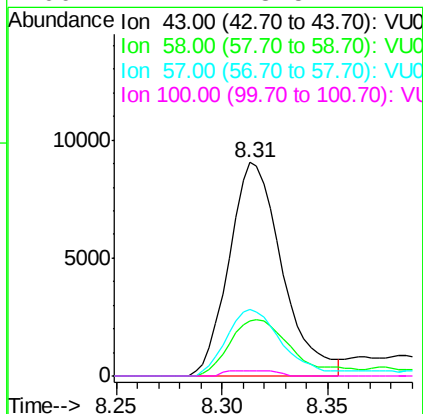
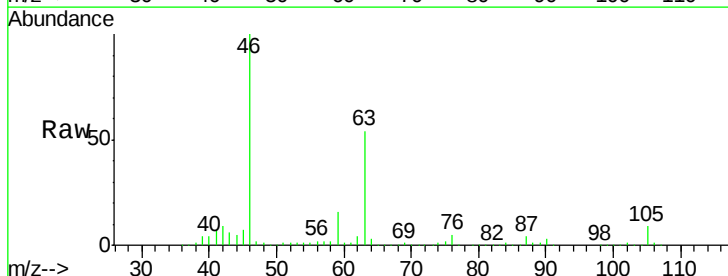
#37
 1,2-Dichloropropane
 Concen: 4.46 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
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 Acq: 21 May 2018 20:18

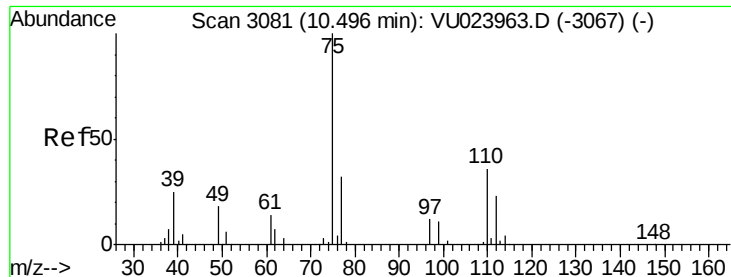
Tgt Ion: 63 Resp: 12491
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 4.94 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU023980.D
 Acq: 21 May 2018 20:18

Tgt Ion: 43 Resp: 15821
 Ion Ratio Lower Upper
 43 100
 58 29.2 42.6 63.8#
 57 32.2 14.9 22.3#
 100 1.2 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.29 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023980.D

Acq: 21 May 2018 20:18

Tgt Ion: 75 Resp: 15593

Ion Ratio Lower Upper

75 100

77 37.1 26.2 39.4

