

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024040.D
 Acq On : 23 May 2018 16:19
 Operator : MD/SY
 Sample : J3081-07 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 24 04:16:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 04:14:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	271908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80840	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.98%
7) Chloroethane-d5	1.68	69	71487	35.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.82%
11) 1,1-Dichloroethene-d2	2.27	63	124143	26.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.56%#
21) 2-Butanone-d5	4.18	46	202817	115.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.35%
24) Chloroform-d	4.65	84	175937	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.31	65	124434	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.35	84	341669	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
36) 1,2-Dichloropropane-d6	6.34	67	127783	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.78%
41) Toluene-d8	7.57	98	300446	39.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.10%#
43) trans-1,3-Dichloropropene-	7.85	79	49976	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.34%
47) 2-Hexanone-d5	8.32	63	137941	107.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.47%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190334	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.87	152	129109	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%

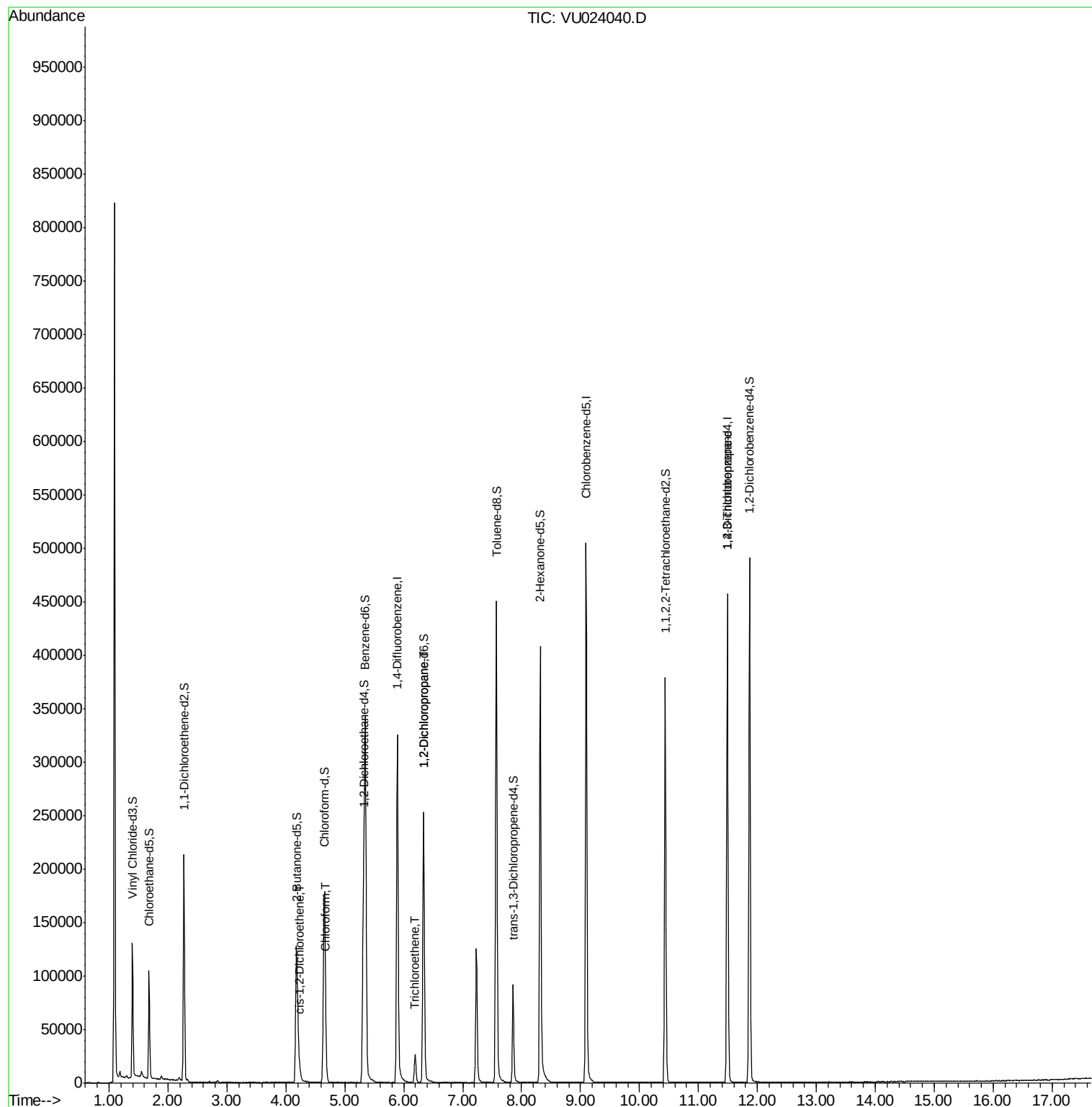
Target Compounds

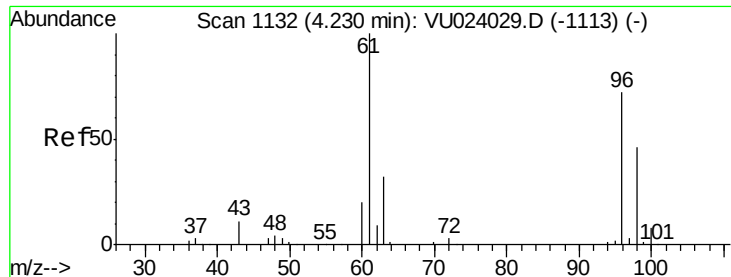
						Qvalue
20) cis-1,2-Dichloroethene	4.24	96	4289	1.83	ug/L	91
25) Chloroform	4.68	83	7530	1.75	ug/L	99
34) Trichloroethene	6.19	95	9975	4.21	ug/L	93
37) 1,2-Dichloropropane	6.34	63	12960	4.71	ug/L #	89
59) 1,2,3-Trichloropropane	11.49	75	14847	4.16	ug/L #	88

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

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#20

cis-1,2-Dichloroethene

Concen: 1.83 ug/L

RT: 4.24 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VU024040.D

Acq: 23 May 2018 16:19

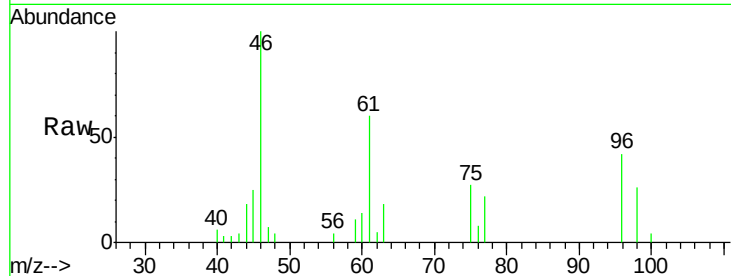
Tgt Ion: 96 Resp: 4289

Ion Ratio Lower Upper

96 100

61 143.7 93.3 173.3

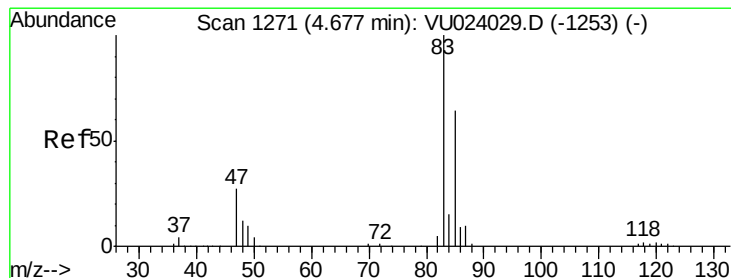
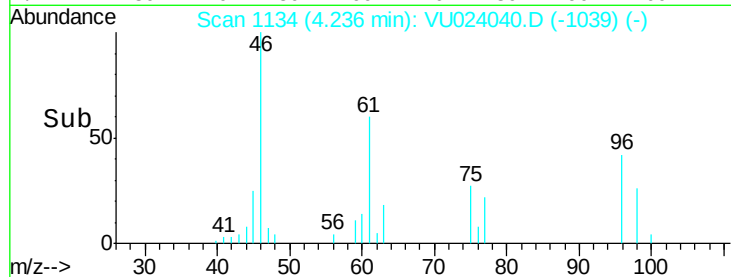
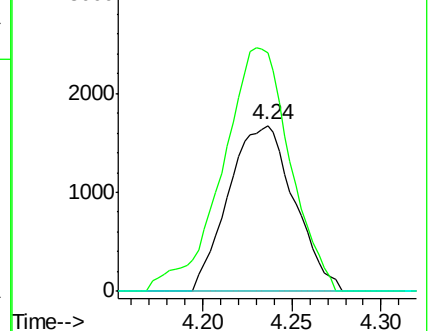
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 1.75 ug/L

RT: 4.68 min Scan# 1273

Delta R.T. 0.01 min

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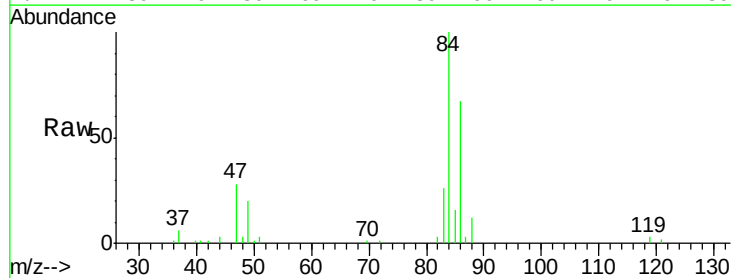
Acq: 23 May 2018 16:19

Tgt Ion: 83 Resp: 7530

Ion Ratio Lower Upper

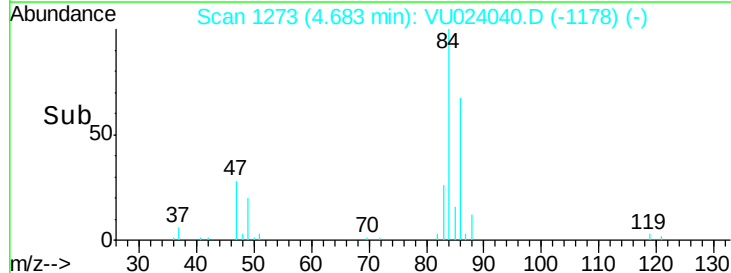
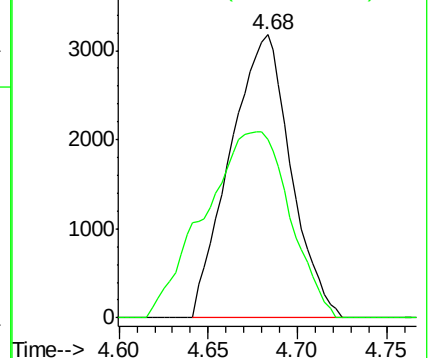
83 100

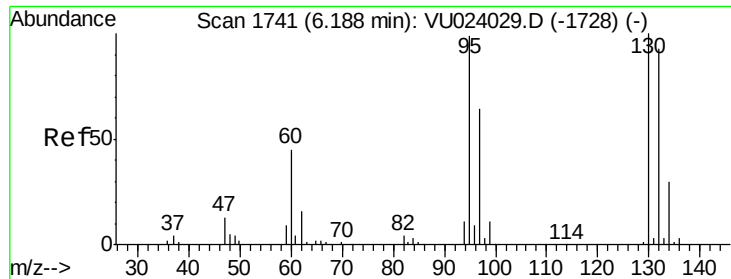
85 63.0 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 4.21 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU024040.D

Acq: 23 May 2018 16:19

Tgt Ion: 95 Resp: 9975

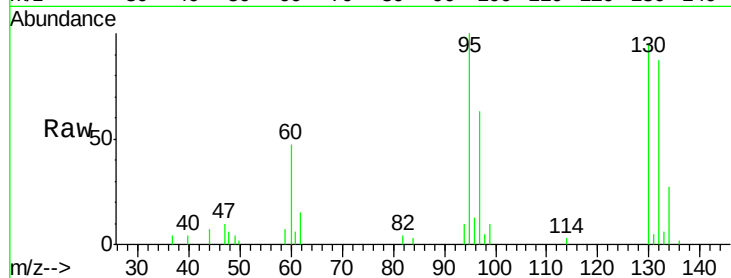
Ion Ratio Lower Upper

95 100

97 62.9 45.4 84.2

132 87.3 69.0 128.1

130 95.3 71.7 133.1

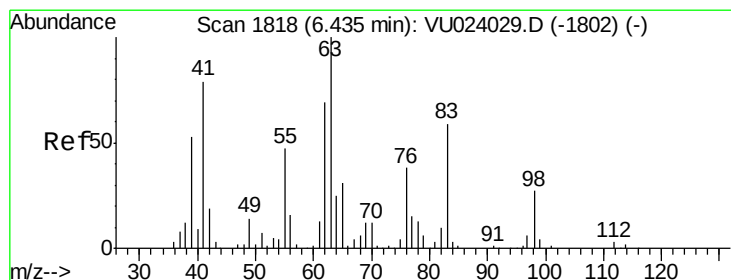
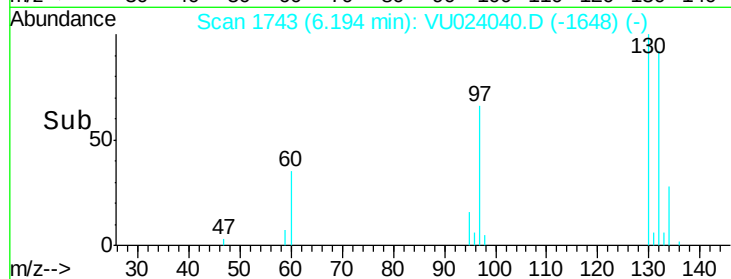
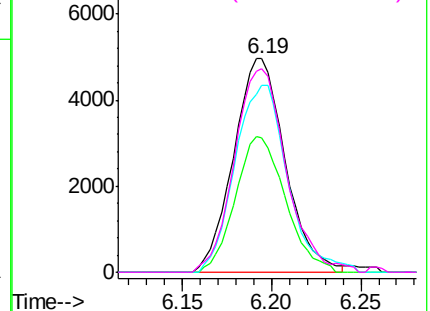


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 4.71 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024040.D

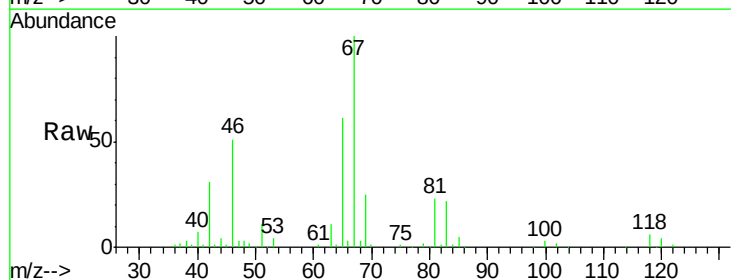
Acq: 23 May 2018 16:19

Tgt Ion: 63 Resp: 12960

Ion Ratio Lower Upper

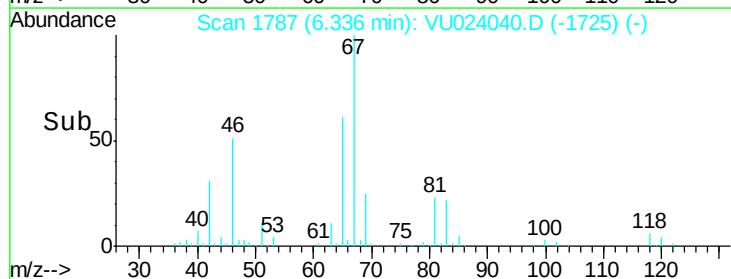
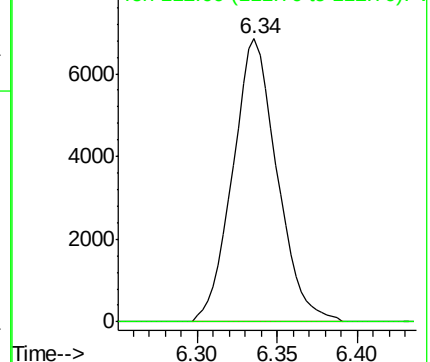
63 100

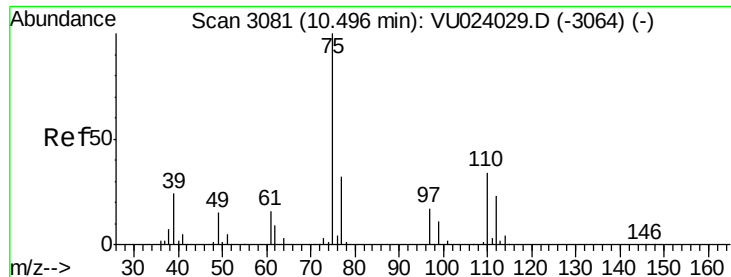
112 0.3 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.16 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024040.D

Acq: 23 May 2018 16:19

Tgt Ion: 75 Resp: 14847

Ion Ratio Lower Upper

75 100

77 39.8 26.2 39.4#

