

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024048.D
 Acq On : 23 May 2018 20:11
 Operator : MD/SY
 Sample : J3088-18 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 24 04:17:59 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	273871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77873	30.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.20%
7) Chloroethane-d5	1.68	69	69902	34.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.72%#
11) 1,1-Dichloroethene-d2	2.27	63	122116	26.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.30%#
21) 2-Butanone-d5	4.18	46	211694	119.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.53%
24) Chloroform-d	4.65	84	176512	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.31	65	125373	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.35	84	335512	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.84%
36) 1,2-Dichloropropane-d6	6.34	67	125823	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.86%
41) Toluene-d8	7.57	98	289219	38.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.56%#
43) trans-1,3-Dichloropropene-	7.85	79	48905	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.32	63	143345	112.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192299	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	128574	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%

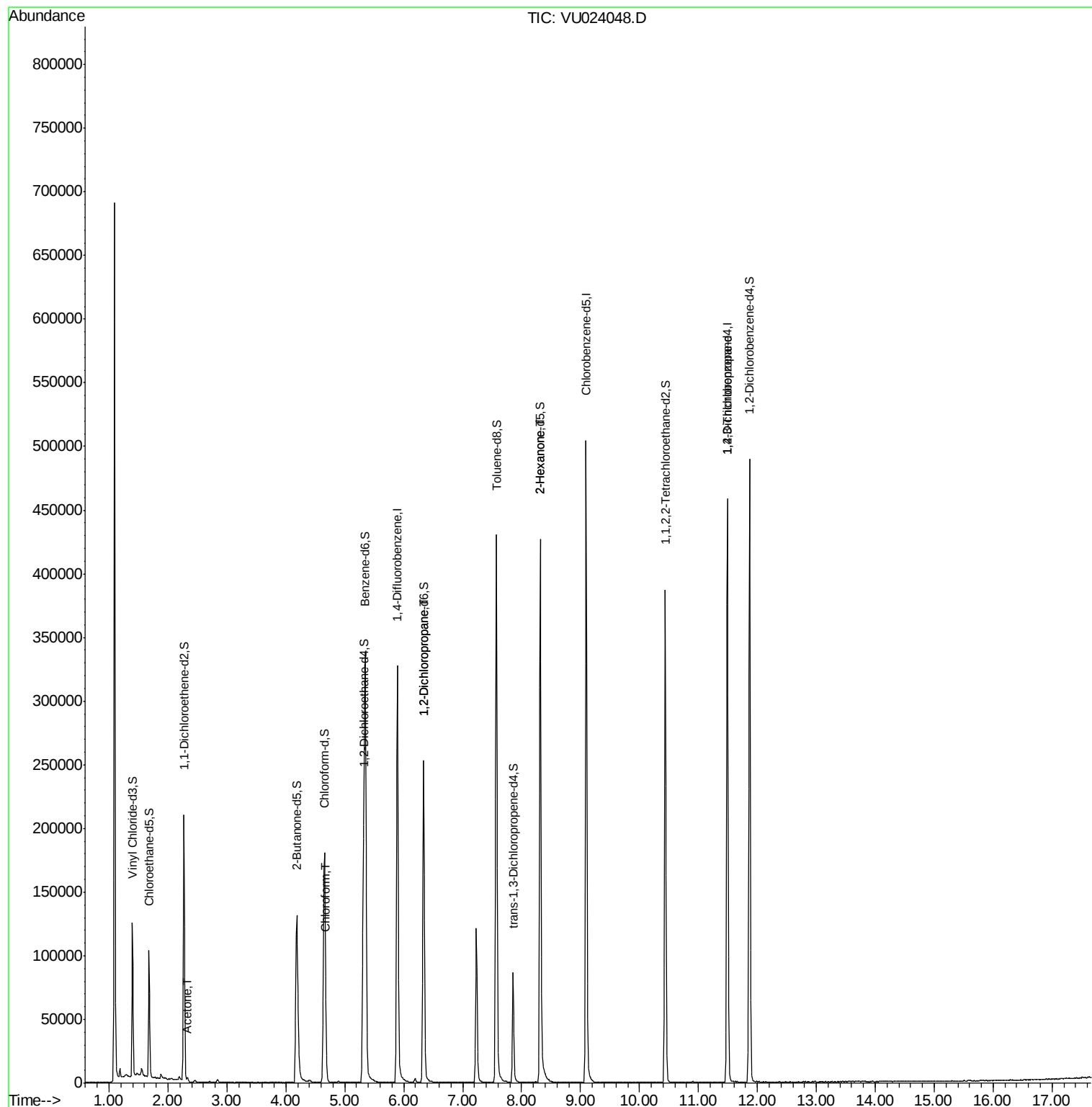
Target Compounds

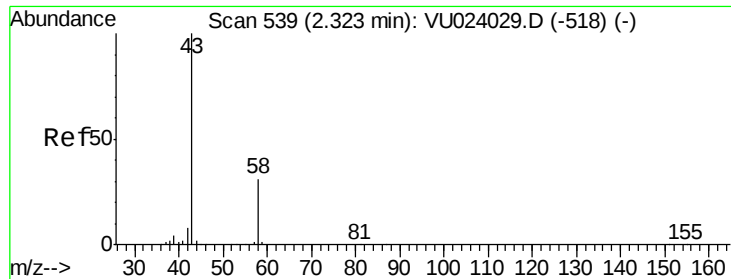
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	1784	1.00	ug/L	87
25) Chloroform	4.68	83	7582	1.75	ug/L	94
37) 1,2-Dichloropropane	6.34	63	13449	4.92	ug/L #	88
48) 2-Hexanone	8.32	43	18027	5.76	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	15027	4.23	ug/L	90

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

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#13

Acetone

Concen: 1.00 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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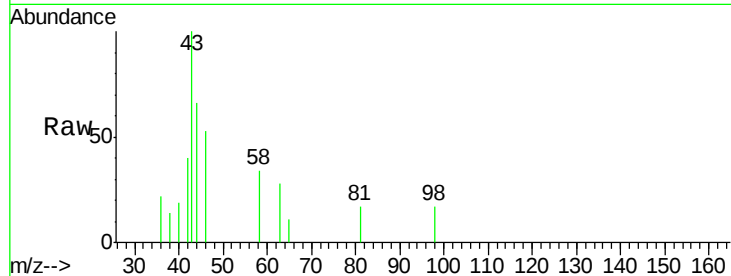
Acq: 23 May 2018 20:11

Tgt Ion: 43 Resp: 1784

Ion Ratio Lower Upper

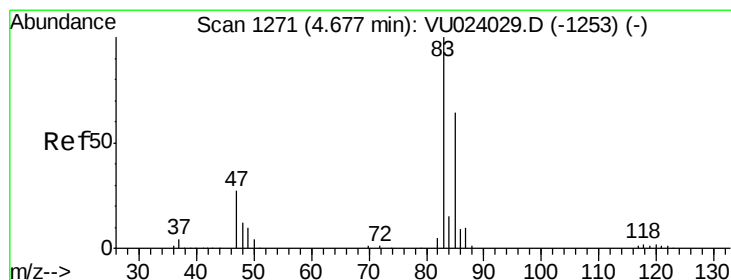
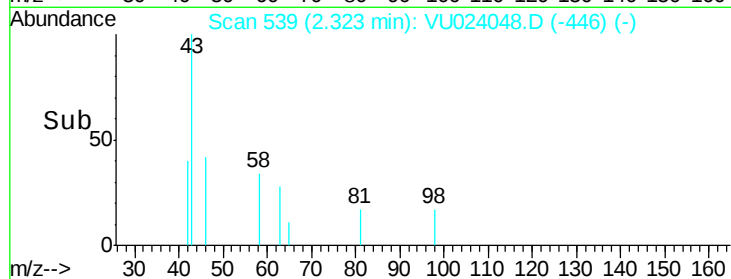
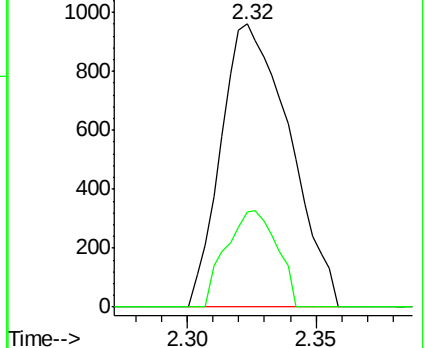
43 100

58 25.3 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.75 ug/L

RT: 4.68 min Scan# 1273

Delta R.T. 0.01 min

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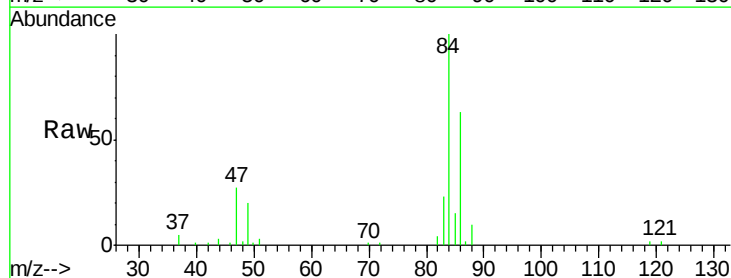
Acq: 23 May 2018 20:11

Tgt Ion: 83 Resp: 7582

Ion Ratio Lower Upper

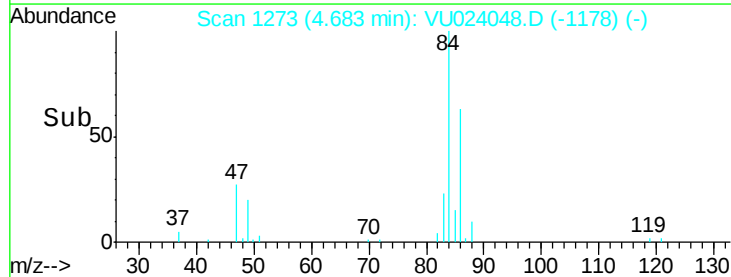
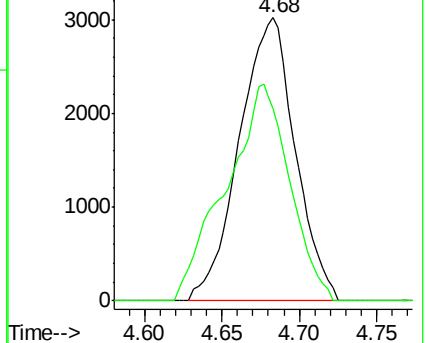
83 100

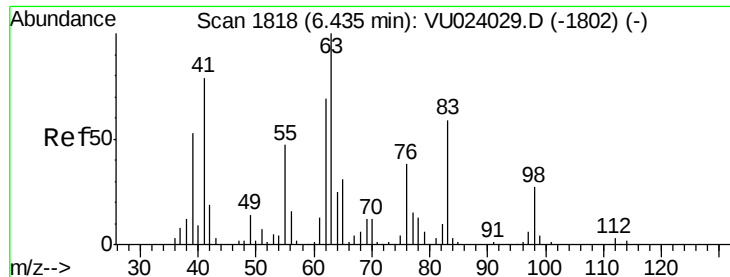
85 67.9 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

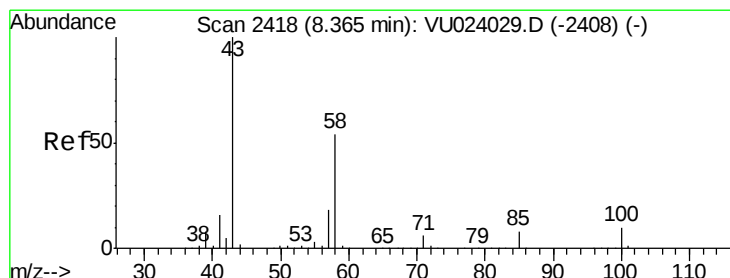
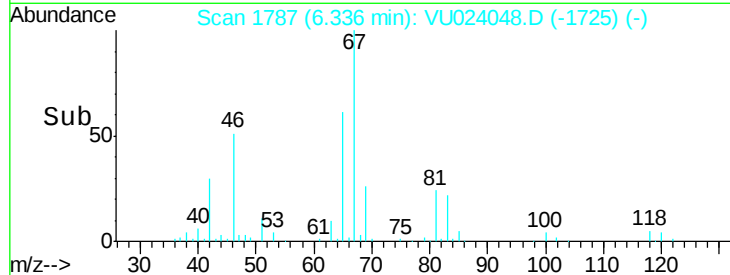
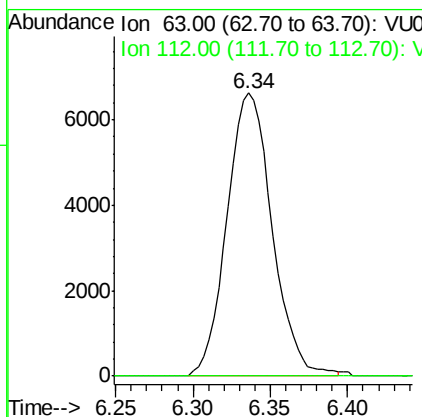
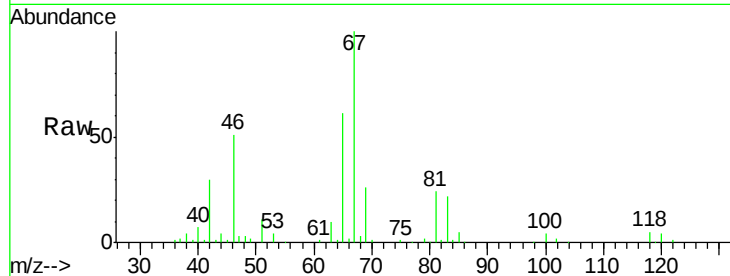
Ion 85.00 (84.70 to 85.70): VU0





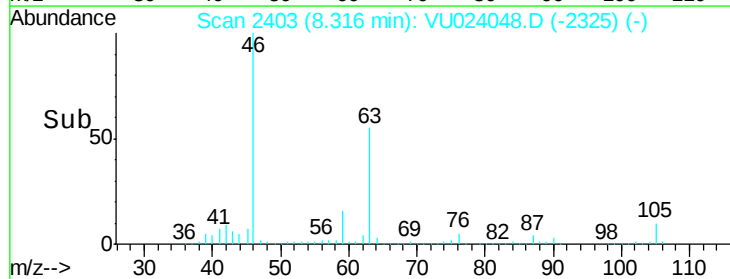
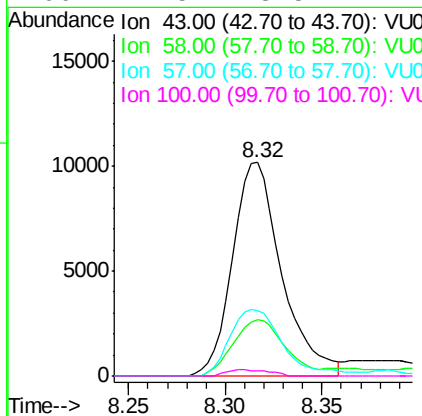
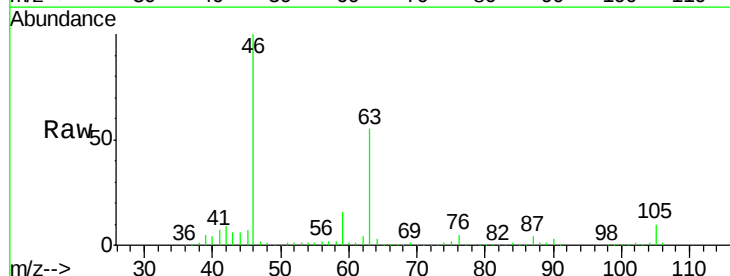
#37
 1,2-Dichloropropane
 Concen: 4.92 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024048.D
 Acq: 23 May 2018 20:11

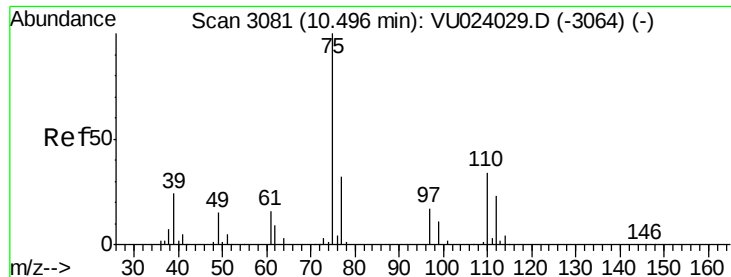
Tgt Ion: 63 Resp: 13449
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 5.76 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU024048.D
 Acq: 23 May 2018 20:11

Tgt Ion: 43 Resp: 18027
 Ion Ratio Lower Upper
 43 100
 58 27.8 42.6 63.8#
 57 32.0 14.9 22.3#
 100 2.5 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.23 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024048.D

Acq: 23 May 2018 20:11

Tgt Ion: 75 Resp: 15027

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.4

