

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024019.D
 Acq On : 22 May 2018 16:27
 Operator : MD/SY
 Sample : J3043-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 02:53:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 02:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	274915	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90879	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.14%
7) Chloroethane-d5	1.68	69	77249	38.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.76%
11) 1,1-Dichloroethene-d2	2.27	63	137328	29.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.60%#
21) 2-Butanone-d5	4.18	46	186892	105.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.13%
24) Chloroform-d	4.65	84	181470	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	5.31	65	128237	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
32) Benzene-d6	5.35	84	356271	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
36) 1,2-Dichloropropane-d6	6.34	67	130217	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.57	98	319618	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%
43) trans-1,3-Dichloropropene-	7.85	79	52012	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.31	63	128228	100.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.47%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187598	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.87	152	136292	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%

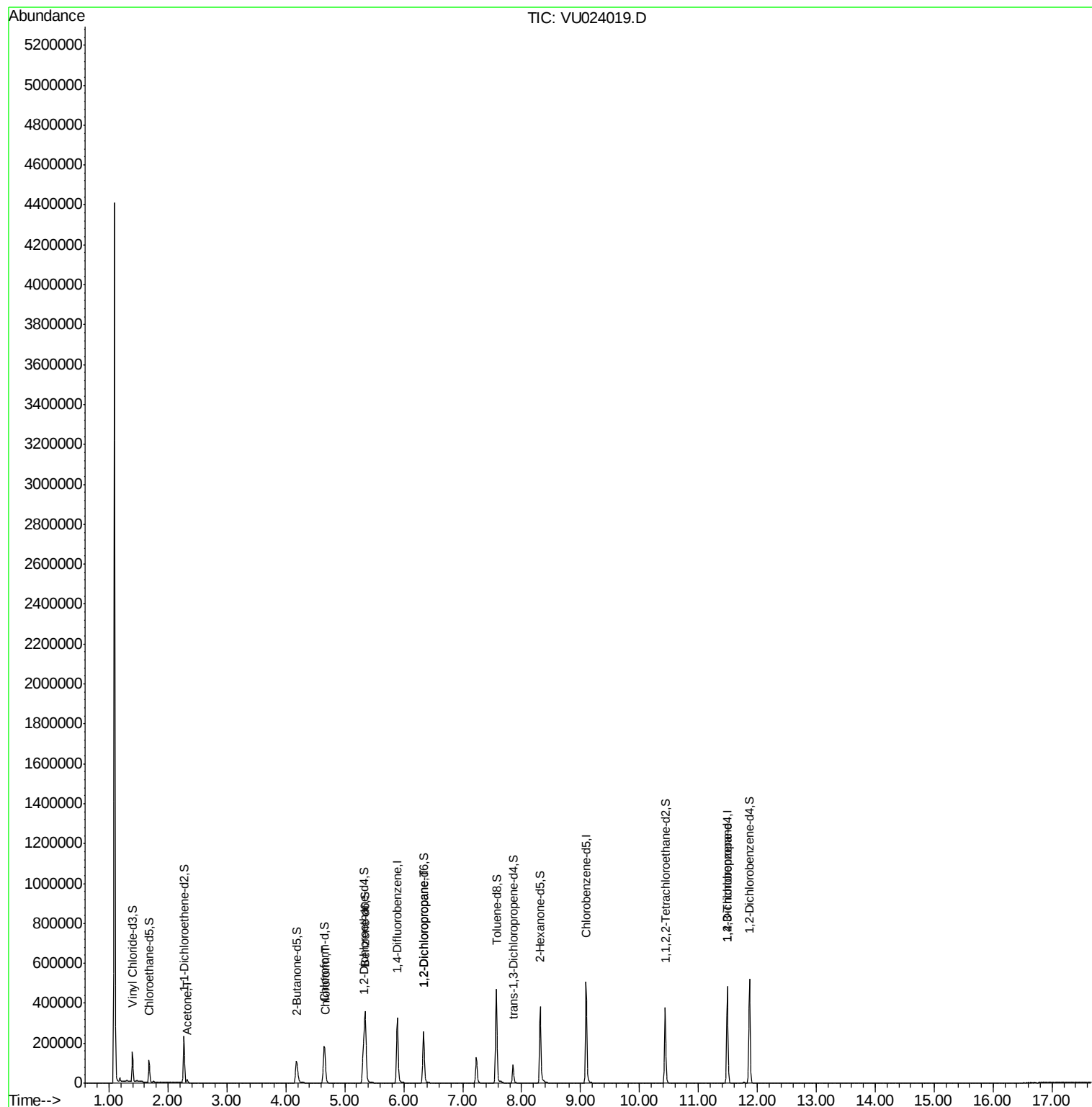
Target Compounds

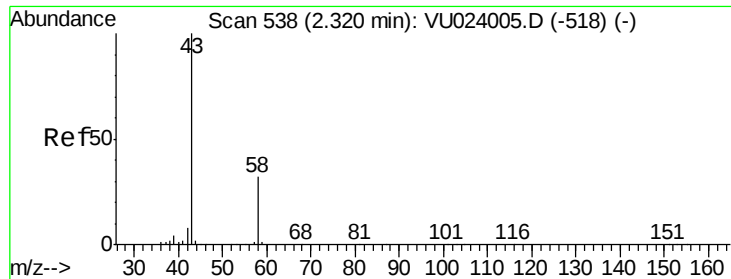
						Qvalue
13) Acetone	2.32	43	14121	7.89	ug/L	97
25) Chloroform	4.68	83	6222	1.43	ug/L	94
37) 1,2-Dichloropropane	6.33	63	13849	5.07	ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	16020	4.52	ug/L	92

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

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#13

Acetone

Concen: 7.89 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024019.D

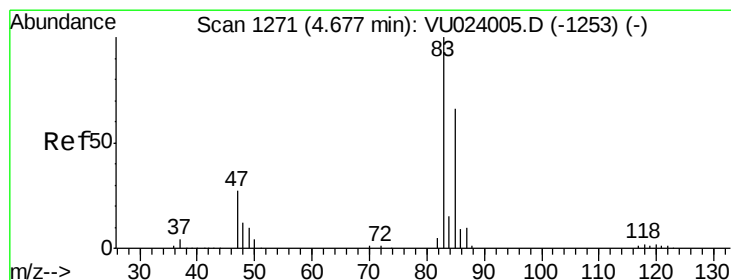
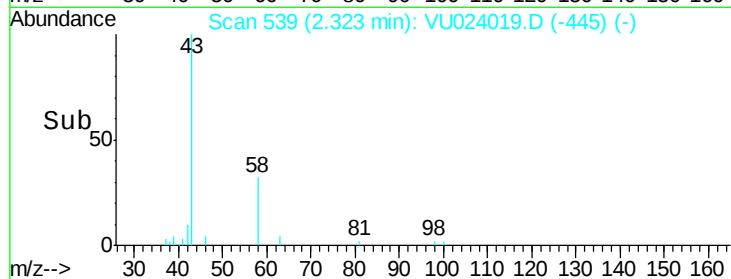
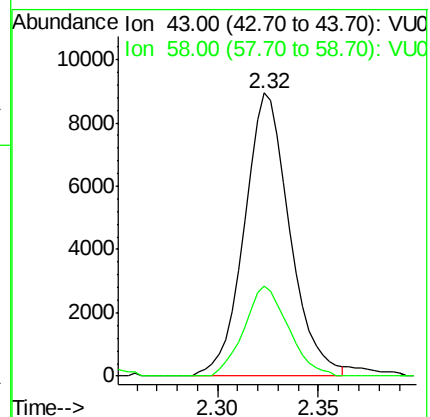
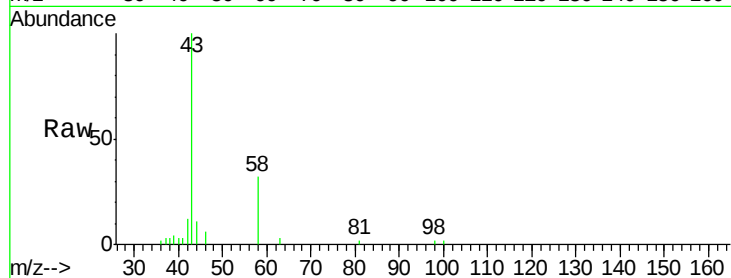
Acq: 22 May 2018 16:27

Tgt Ion: 43 Resp: 14121

Ion Ratio Lower Upper

43 100

58 30.9 0.0 65.6



#25

Chloroform

Concen: 1.43 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024019.D

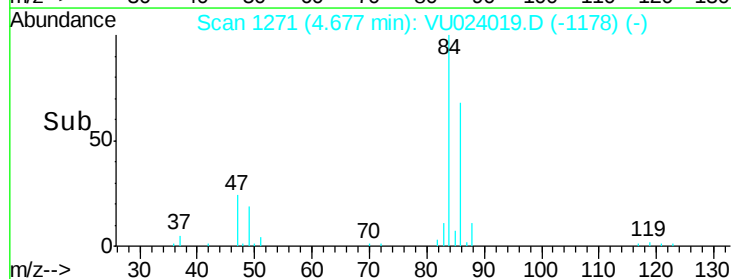
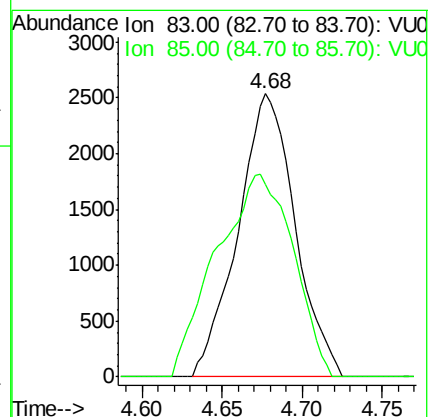
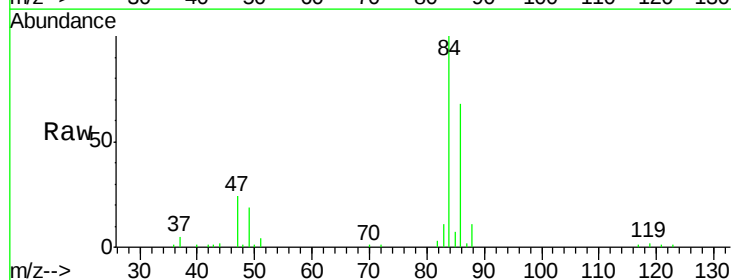
Acq: 22 May 2018 16:27

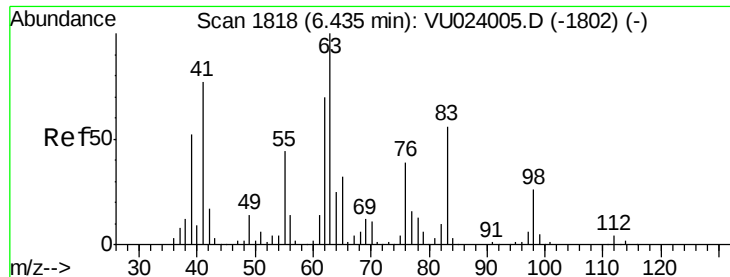
Tgt Ion: 83 Resp: 6222

Ion Ratio Lower Upper

83 100

85 67.9 44.4 82.5





#37

1,2-Dichloropropane

Concen: 5.07 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU024019.D

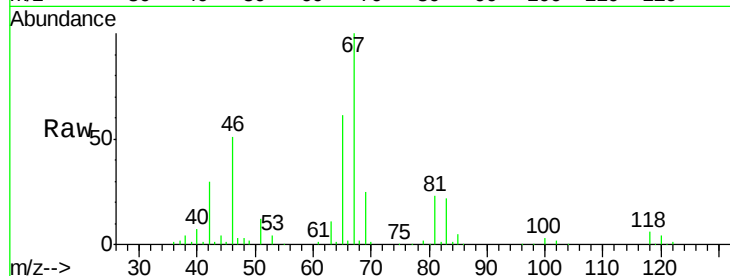
Acq: 22 May 2018 16:27

Tgt Ion: 63 Resp: 13849

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU024019.D (-1786) (-)

Ion 112.00 (111.70 to 112.70): VU024019.D (-1786) (-)

6.33

8000

6000

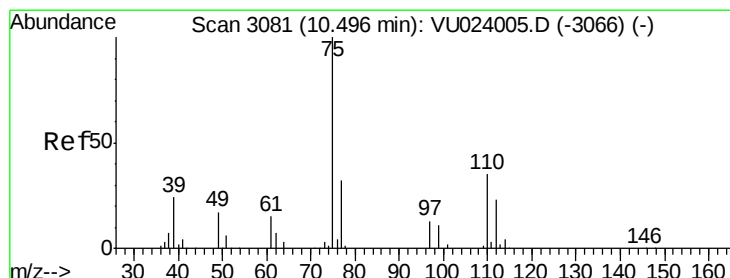
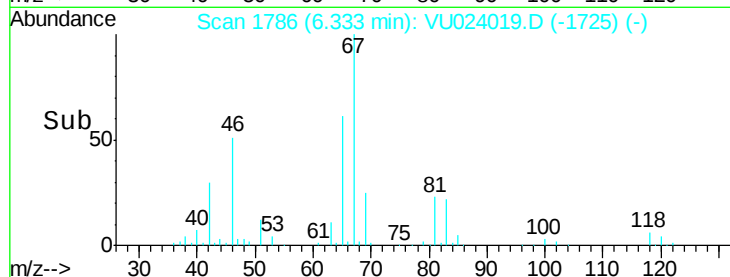
4000

2000

0

6.25 6.30 6.35 6.40

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.52 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024019.D

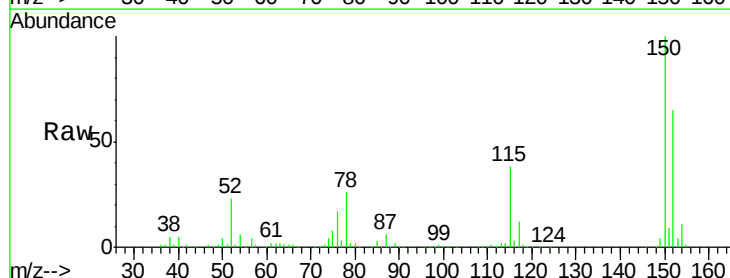
Acq: 22 May 2018 16:27

Tgt Ion: 75 Resp: 16020

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU024019.D (-3390) (-)

Ion 77.00 (76.70 to 77.70): VU024019.D (-3390) (-)

11.49

10000

8000

6000

4000

2000

0

11.45 11.50 11.55

Time-->

