

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024192.D
 Acq On : 27 May 2018 16:42
 Operator : MD/SY
 Sample : J3092-03 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 28 04:20:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97060	50.00	ug/L	0.00

System Monitoring Compounds

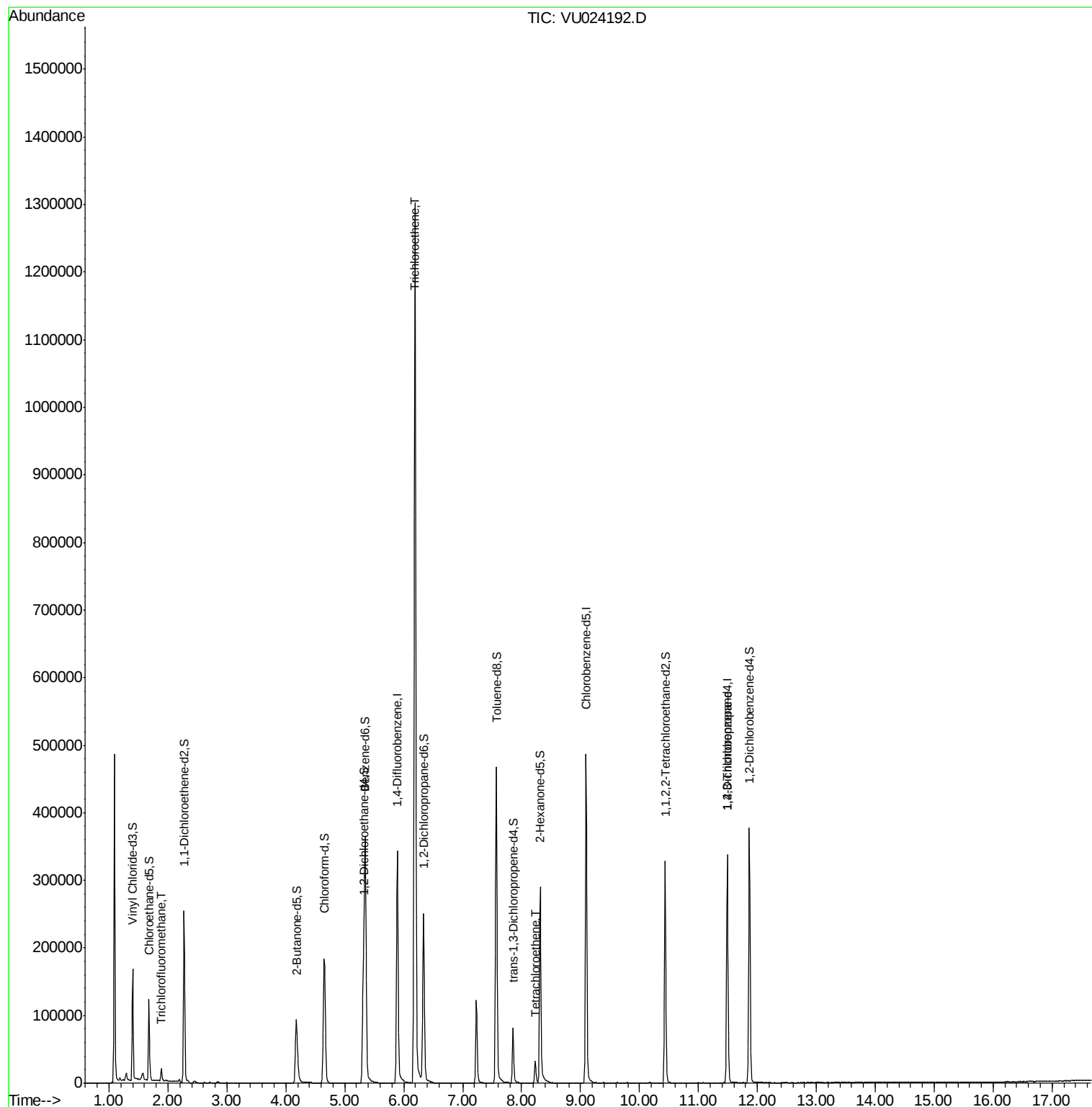
4) Vinyl Chloride-d3	1.40	65	108734	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.58%
7) Chloroethane-d5	1.68	69	87903	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.28%
11) 1,1-Dichloroethene-d2	2.27	63	147867	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
21) 2-Butanone-d5	4.18	46	151122	82.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.67%
24) Chloroform-d	4.65	84	183998	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.31	65	120271	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
32) Benzene-d6	5.35	84	376686	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
36) 1,2-Dichloropropane-d6	6.34	67	128505	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.57	98	327381	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.85	79	46375	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	101329	79.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166142	42.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.90%
64) 1,2-Dichlorobenzene-d4	11.87	152	107662	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

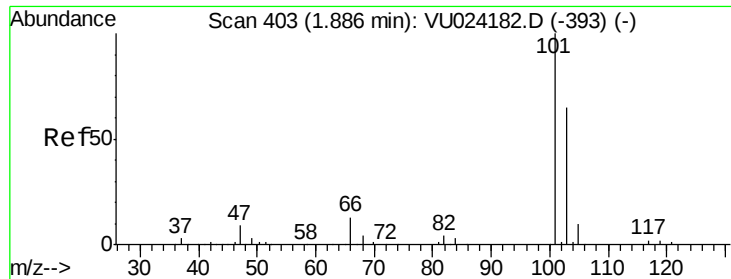
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.89	101	9536	2.60	ug/L	97
34) Trichloroethene	6.19	95	463155	175.10	ug/L	99
46) Tetrachloroethene	8.23	164	7880	4.26	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	11569	3.50	ug/L	94

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

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Quant Title : VOC Analysis
QLast Update : Mon May 28 04:17:49 2018
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#9

Trichlorofluoromethane

Concen: 2.60 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024192.D

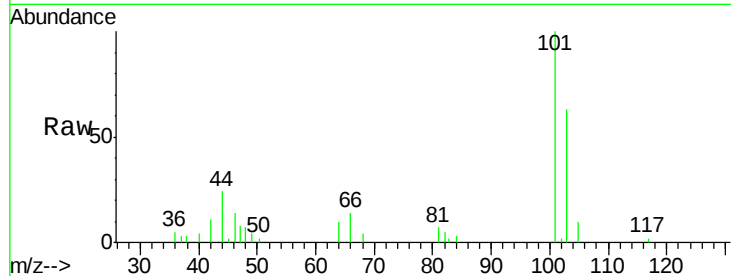
Acq: 27 May 2018 16:42

Tgt Ion: 101 Resp: 9536

Ion Ratio Lower Upper

101 100

103 63.1 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

8000

6000

4000

2000

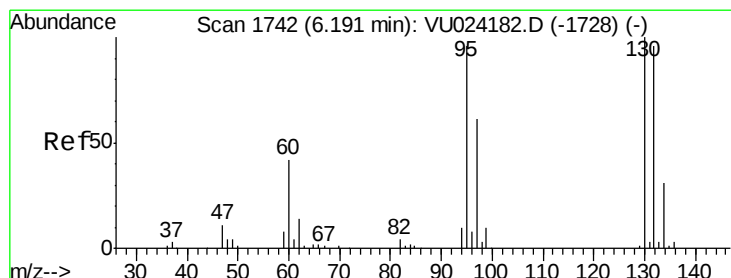
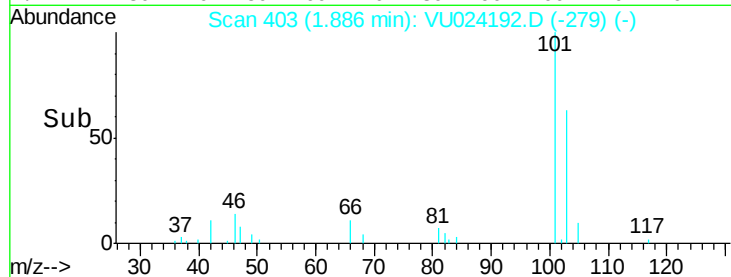
0

1.85

1.89

1.95

Time-->



#34

Trichloroethene

Concen: 175.10 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024192.D

Acq: 27 May 2018 16:42

Tgt Ion: 95 Resp: 463155

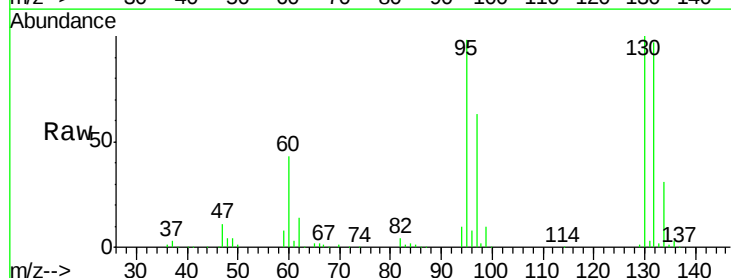
Ion Ratio Lower Upper

95 100

97 64.8 44.5 82.7

132 99.4 69.0 128.2

130 102.5 70.6 131.0



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

300000

200000

100000

0

6.10

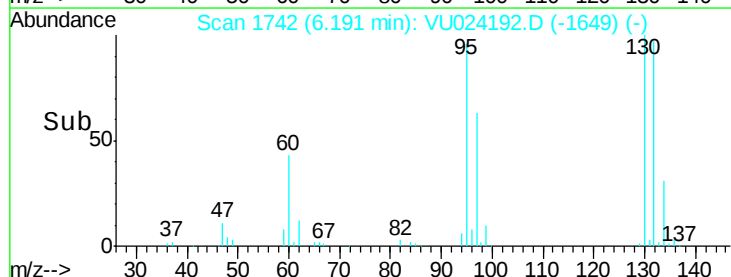
6.15

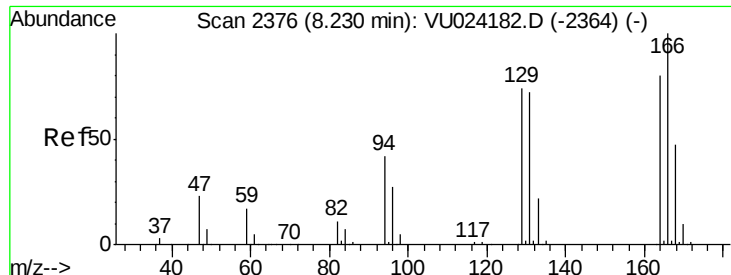
6.20

6.25

6.30

Time-->





#46

Tetrachloroethene

Concen: 4.26 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024192.D

Acq: 27 May 2018 16:42

Tgt Ion: 164 Resp: 7880

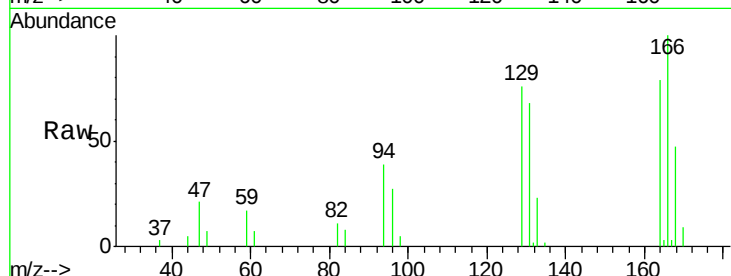
Ion Ratio Lower Upper

164 100

129 96.3 66.6 123.6

131 86.0 64.5 119.9

166 126.1 89.3 165.9

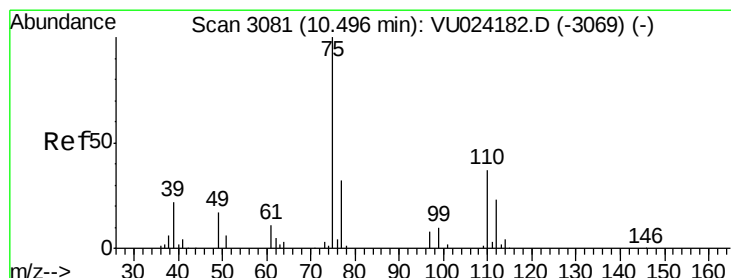
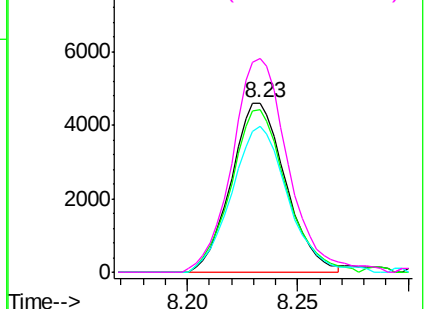
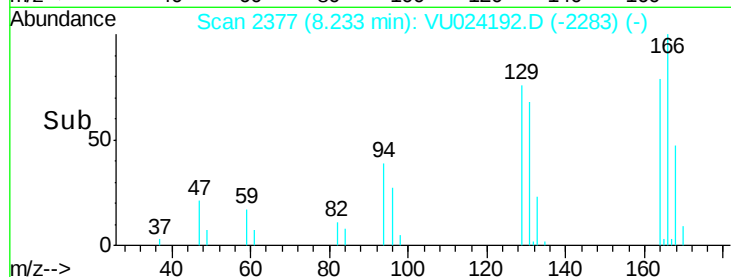


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 3.50 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

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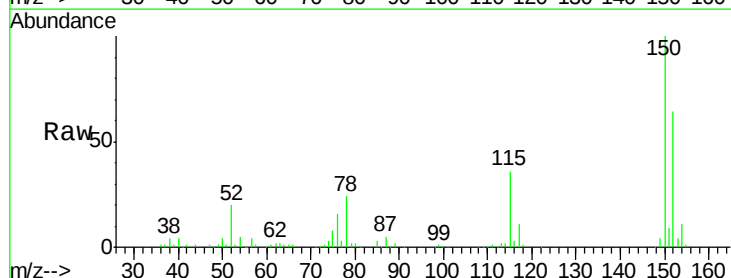
Acq: 27 May 2018 16:42

Tgt Ion: 75 Resp: 11569

Ion Ratio Lower Upper

75 100

77 35.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

