

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024207.D
 Acq On : 27 May 2018 23:26
 Operator : MD/SY
 Sample : J3091-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 28 05:33:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 05:15:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	300686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	101013	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102413	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.60%
7) Chloroethane-d5	1.67	69	86935	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.78%
11) 1,1-Dichloroethene-d2	2.27	63	142337	33.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.94%
21) 2-Butanone-d5	4.18	46	157135	86.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.47%
24) Chloroform-d	4.65	84	182735	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.31	65	120962	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.35	84	371761	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.33	67	127455	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.57	98	319408	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%
43) trans-1,3-Dichloropropene-	7.85	79	45325	42.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.94%
47) 2-Hexanone-d5	8.31	63	108331	84.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.60%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169182	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.87	152	111575	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

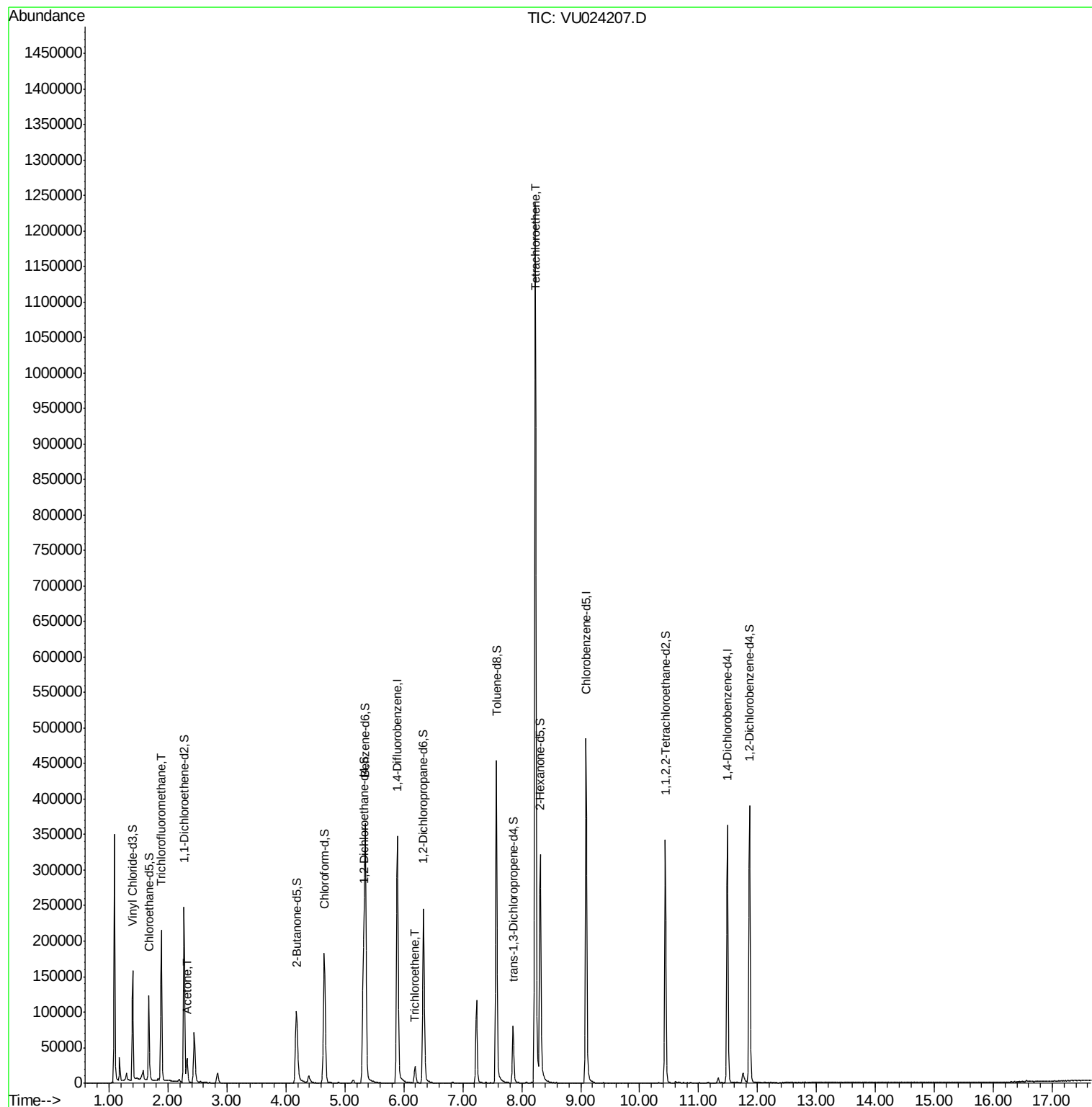
Target Compounds

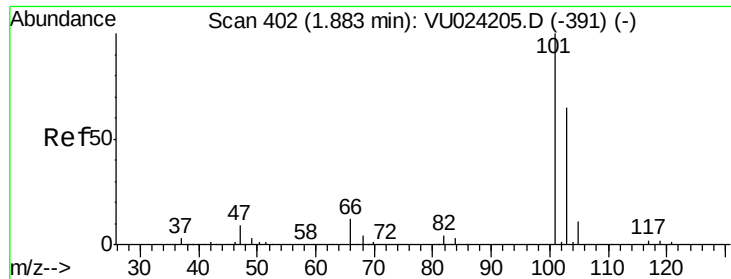
						Ovalue
9) Trichlorofluoromethane	1.89	101	129576	35.53	ug/L	99
13) Acetone	2.32	43	33235	20.98	ug/L	100
34) Trichloroethene	6.19	95	8198	3.10	ug/L	97
46) Tetrachloroethene	8.23	164	297710	160.83	ug/L	99

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

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#9

Trichlorofluoromethane

Concen: 35.53 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024207.D

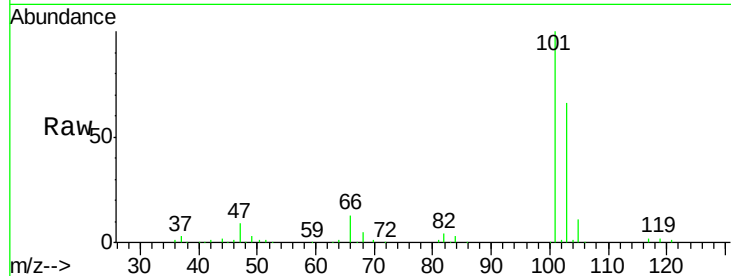
Acq: 27 May 2018 23:26

Tot Ion: 101 Resp: 129576

Ion Ratio Lower Upper

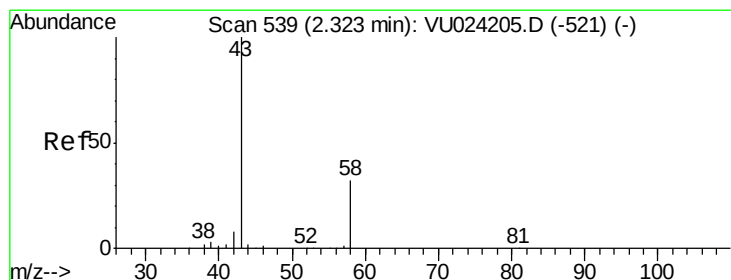
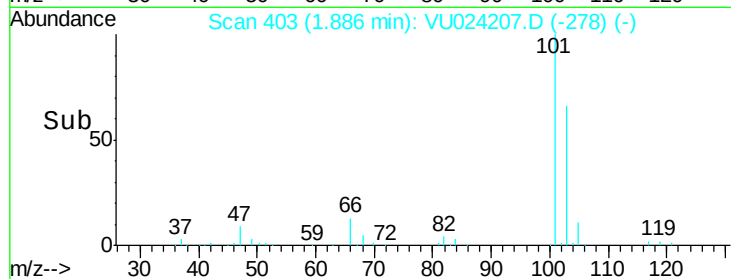
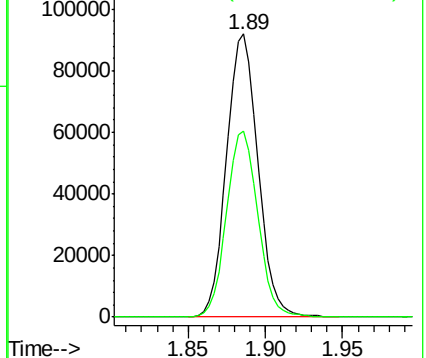
101 100

103 65.5 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 20.98 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024207.D

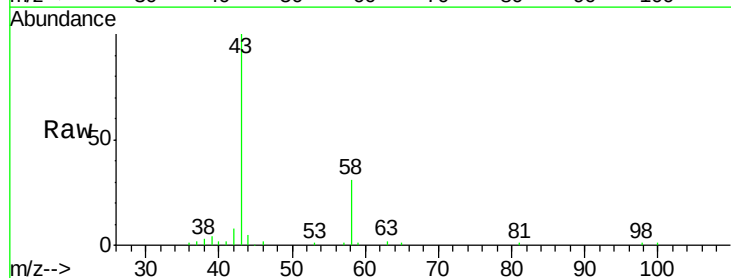
Acq: 27 May 2018 23:26

Tgt Ion: 43 Resp: 33235

Ion Ratio Lower Upper

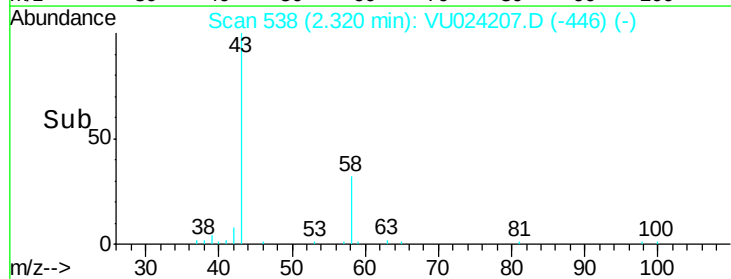
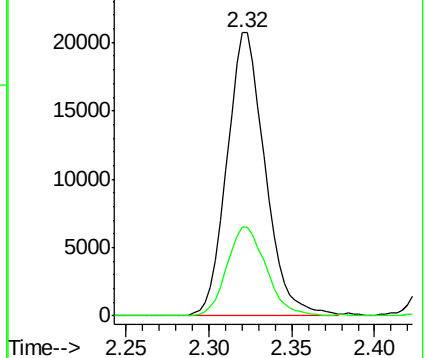
43 100

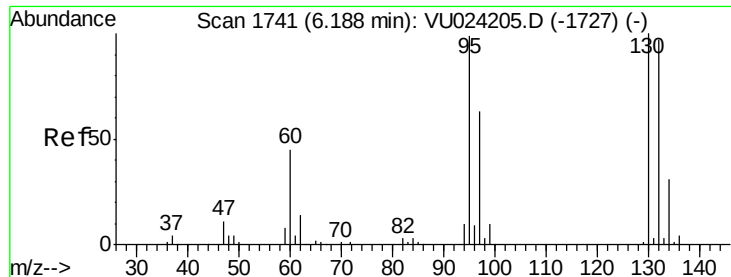
58 32.1 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 3.10 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU024207.D

Acq: 27 May 2018 23:26

Tot Ion: 95 Resp: 8198

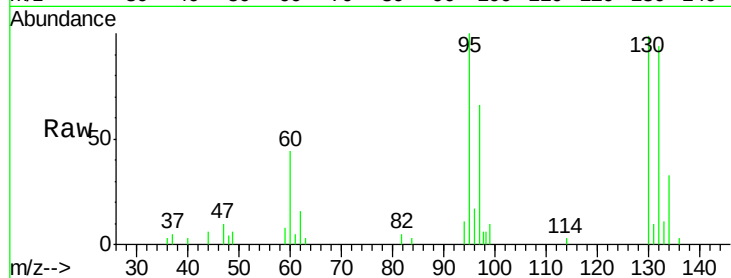
Ion Ratio Lower Upper

95 100

97 65.7 44.5 82.7

132 94.5 69.0 128.2

130 98.8 70.6 131.0

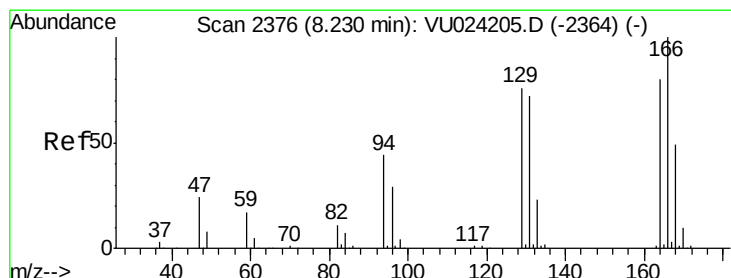
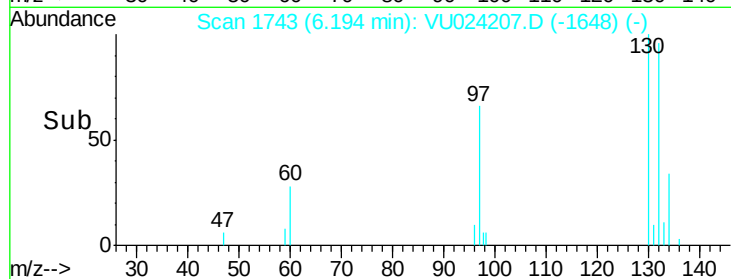
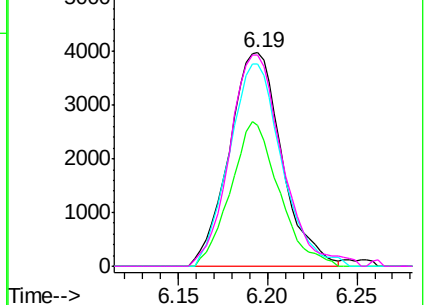


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 160.83 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024207.D

Acq: 27 May 2018 23:26

Tgt Ion: 164 Resp: 297710

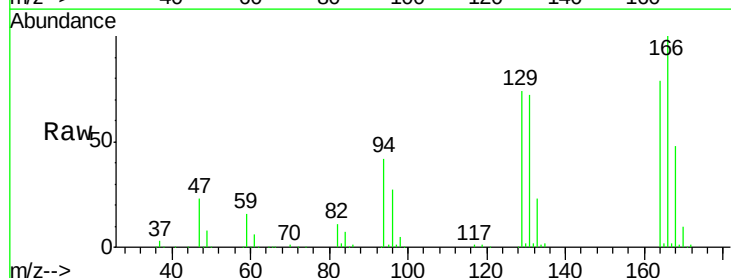
Ion Ratio Lower Upper

164 100

129 94.2 66.6 123.6

131 91.7 64.5 119.9

166 127.1 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

