

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024188.D
 Acq On : 27 May 2018 15:01
 Operator : MD/SY
 Sample : J3089-06 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 04:19:32 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	300024	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116769	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.38%
7) Chloroethane-d5	1.68	69	94644	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.50%
11) 1,1-Dichloroethene-d2	2.27	63	158965	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.94%
21) 2-Butanone-d5	4.18	46	164949	90.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.97%
24) Chloroform-d	4.65	84	196826	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.31	65	132689	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.35	84	409773	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
36) 1,2-Dichloropropane-d6	6.34	67	138761	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.80%
41) Toluene-d8	7.57	98	350771	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.85	79	51098	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
47) 2-Hexanone-d5	8.31	63	110252	88.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179286	46.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	117481	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%

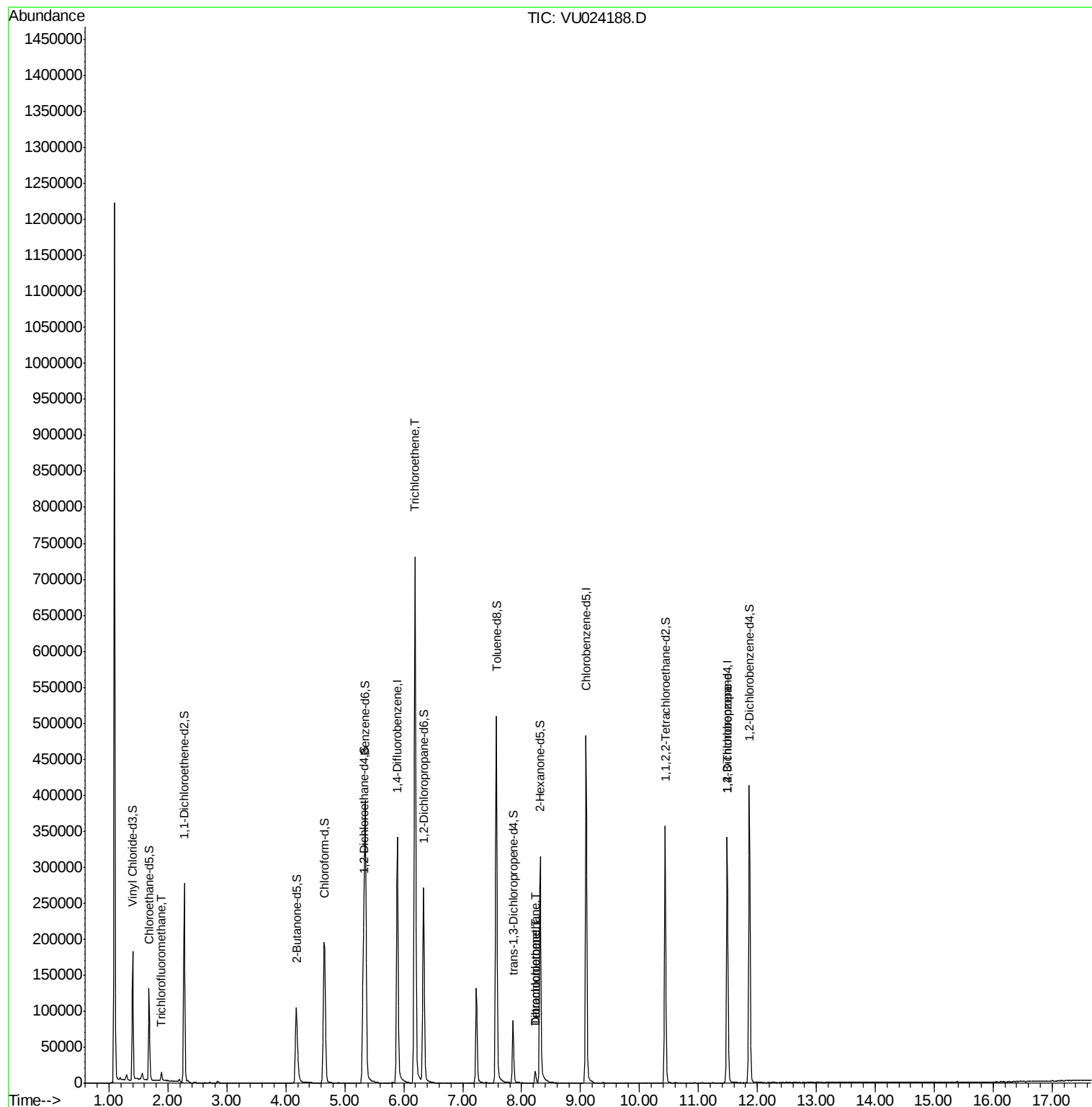
Target Compounds

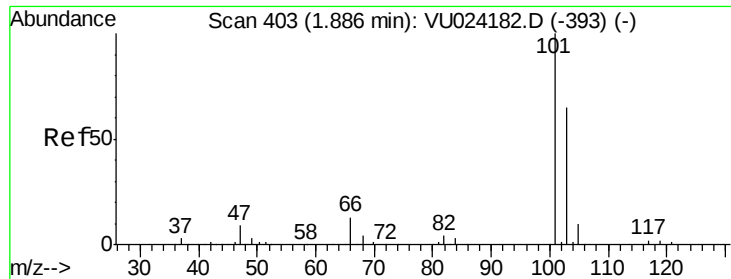
						Qvalue
9) Trichlorofluoromethane	1.89	101	5285	1.45	ug/L	94
34) Trichloroethene	6.19	95	261897	101.28	ug/L	99
46) Tetrachloroethene	8.23	164	4089	2.26	ug/L	99
49) Dibromochloromethane	8.23	129	3657	1.51	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11335	3.51	ug/L	95

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

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#9

Trichlorofluoromethane

Concen: 1.45 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024188.D

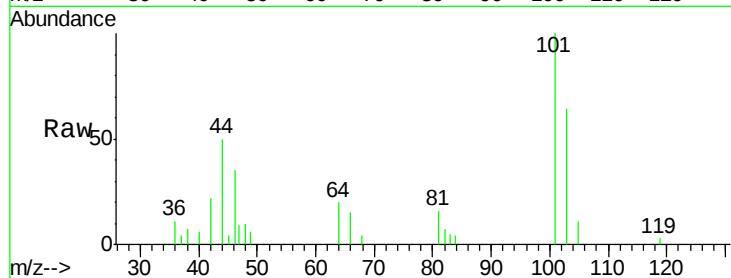
Acq: 27 May 2018 15:01

Tgt Ion: 101 Resp: 5285

Ion Ratio Lower Upper

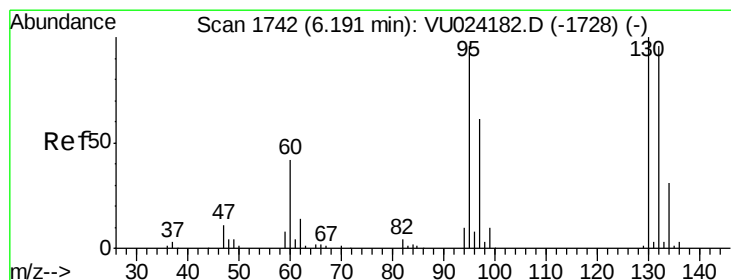
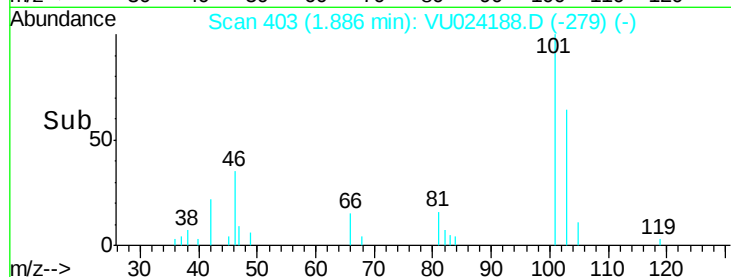
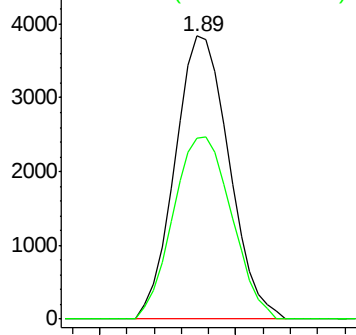
101 100

103 69.5 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 101.28 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024188.D

Acq: 27 May 2018 15:01

Tgt Ion: 95 Resp: 261897

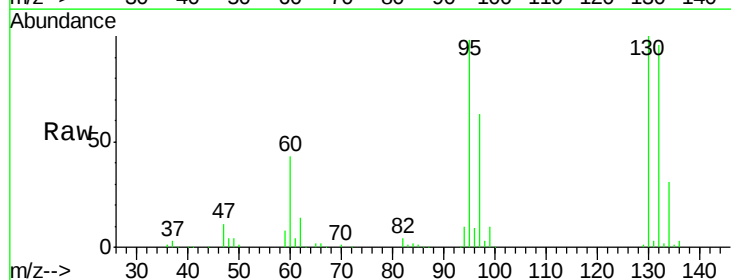
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 98.0 69.0 128.2

130 102.4 70.6 131.0

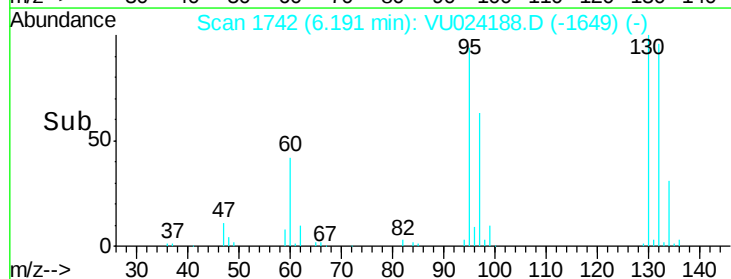
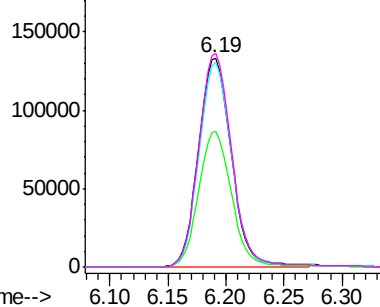


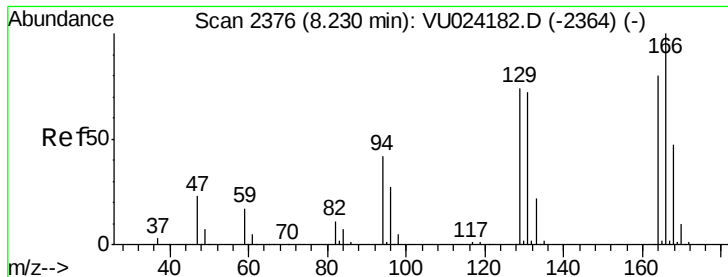
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.26 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024188.D

Acq: 27 May 2018 15:01

Tgt Ion:164 Resp: 4089

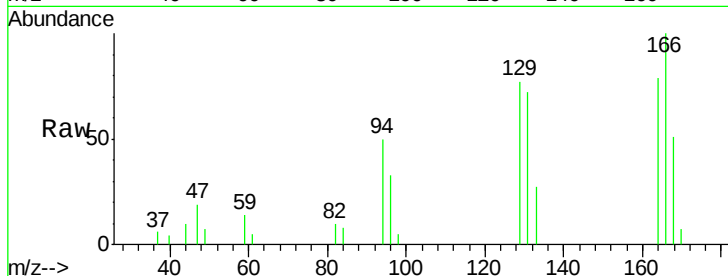
Ion Ratio Lower Upper

164 100

129 97.8 66.6 123.6

131 90.9 64.5 119.9

166 126.9 89.3 165.9

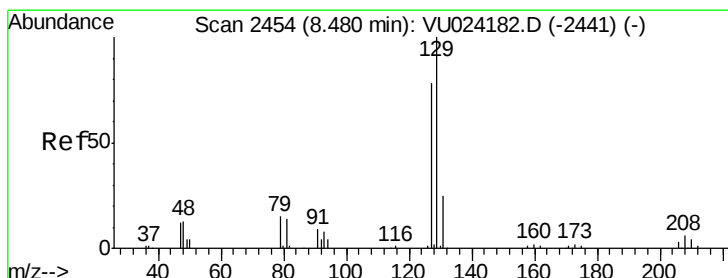
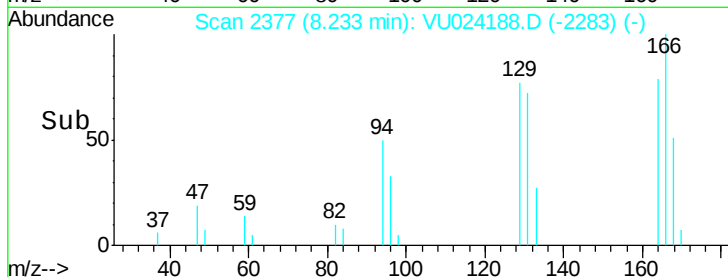
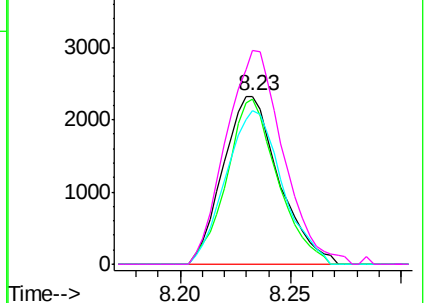


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 1.51 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024188.D

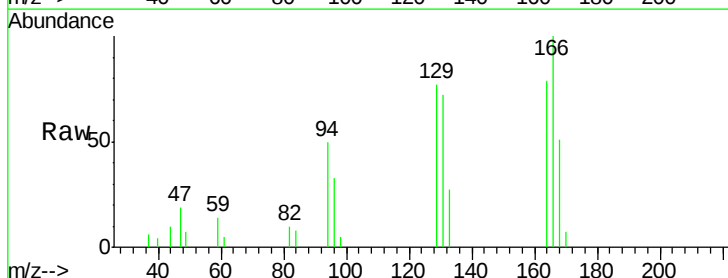
Acq: 27 May 2018 15:01

Tgt Ion:129 Resp: 3657

Ion Ratio Lower Upper

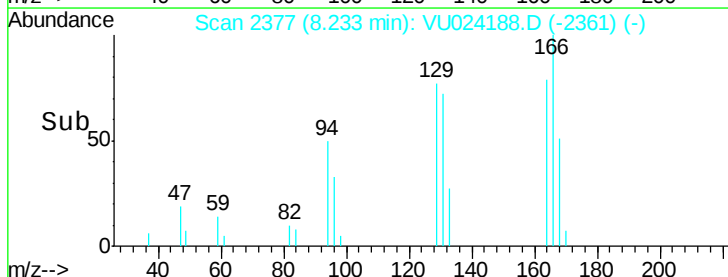
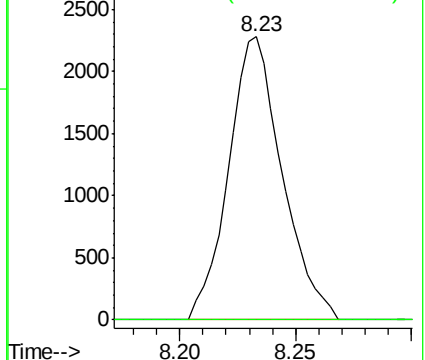
129 100

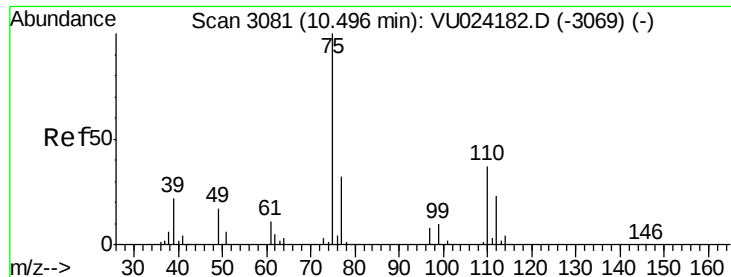
127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 3.51 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024188.D

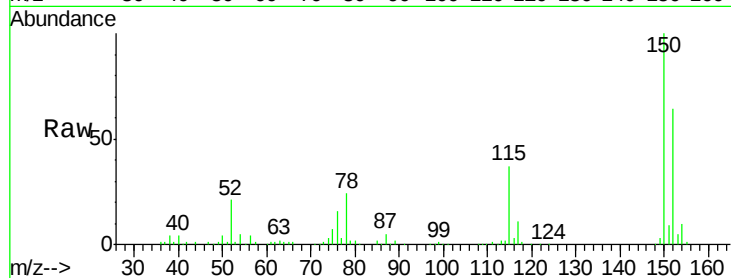
Acq: 27 May 2018 15:01

Tgt Ion: 75 Resp: 11335

Ion Ratio Lower Upper

75 100

77 34.6 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

