

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024174.D
 Acq On : 27 May 2018 03:15
 Operator : MD/SY
 Sample : J3092-07 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 28 02:22:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293226	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	98514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74030	33.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.42%
7) Chloroethane-d5	1.68	69	67311	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.06%
11) 1,1-Dichloroethene-d2	2.27	63	112231	27.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.14%#
21) 2-Butanone-d5	4.18	46	168402	95.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.65	84	167178	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
26) 1,2-Dichloroethane-d4	5.31	65	110224	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
32) Benzene-d6	5.35	84	316131	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.84%
36) 1,2-Dichloropropane-d6	6.34	67	117583	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.82%
41) Toluene-d8	7.57	98	266968	37.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.58%#
43) trans-1,3-Dichloropropene-	7.85	79	40404	38.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.76%
47) 2-Hexanone-d5	8.31	63	115051	91.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169653	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.87	152	101570	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%

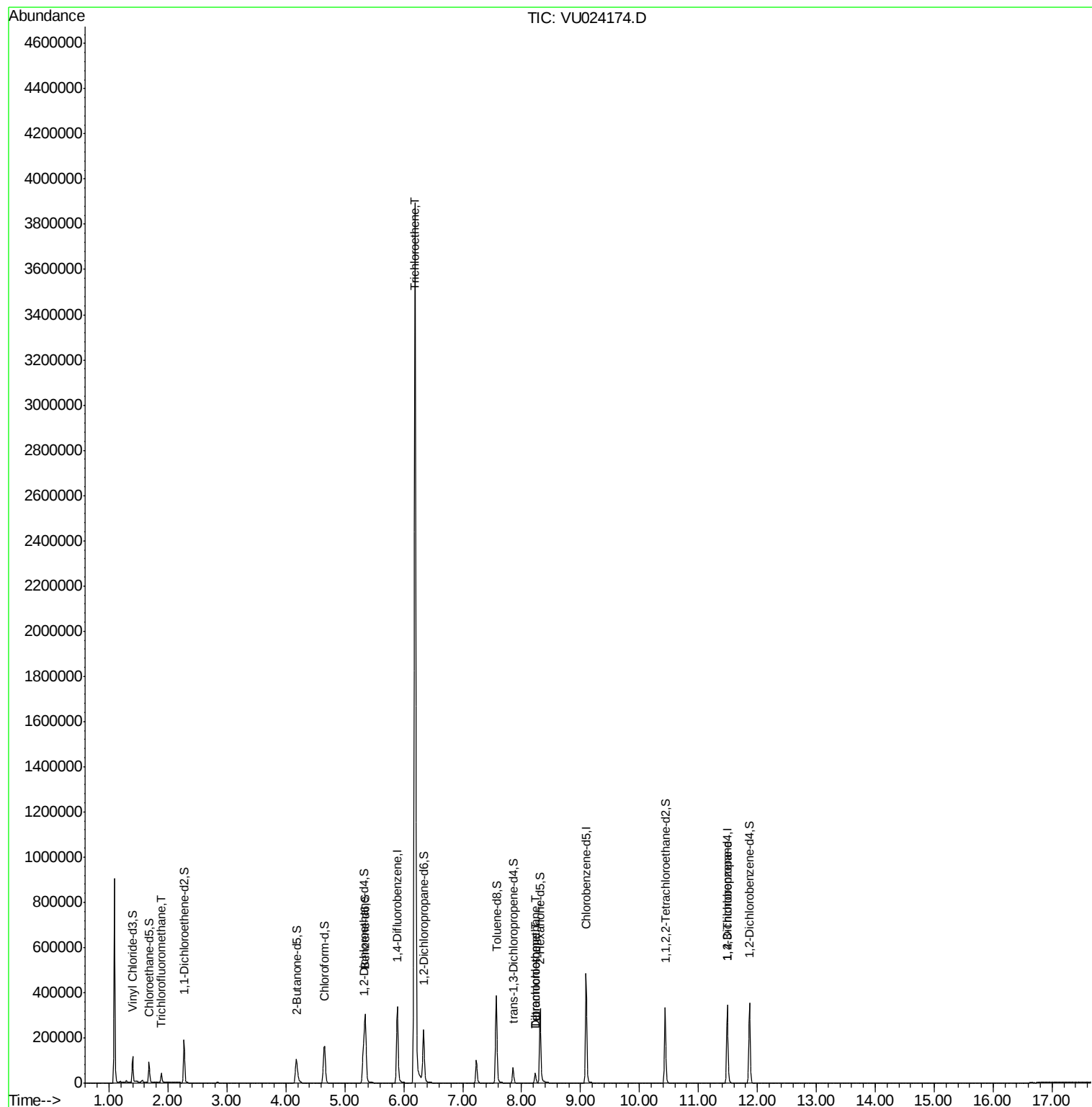
Target Compounds

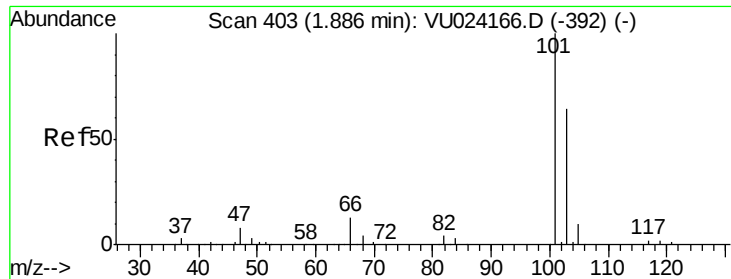
						Qvalue
9) Trichlorofluoromethane	1.89	101	25124	7.06	ug/L	99
34) Trichloroethene	6.19	95	1405475	538.43	ug/L	99
46) Tetrachloroethene	8.23	164	10342	5.66	ug/L	92
49) Dibromochloromethane	8.23	129	9939	4.08	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10978	3.37	ug/L	95

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

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#9

Trichlorofluoromethane

Concen: 7.06 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024174.D

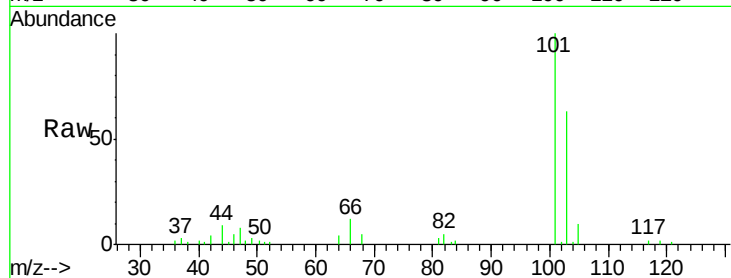
Acq: 27 May 2018 03:15

Tgt Ion: 101 Resp: 25124

Ion Ratio Lower Upper

101 100

103 64.1 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.89

20000

15000

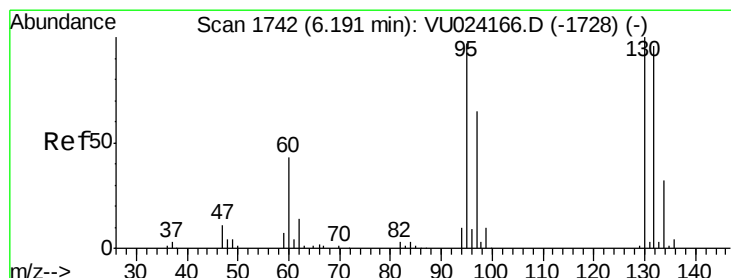
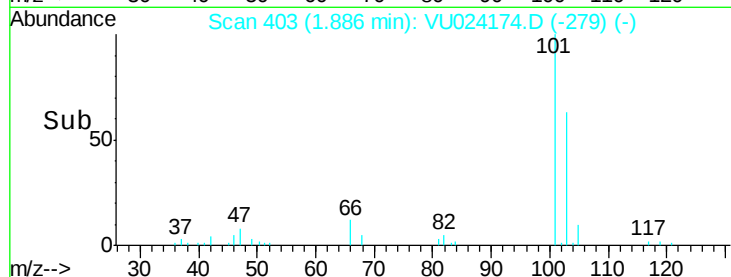
10000

5000

0

1.85 1.90 1.95

Time-->



#34

Trichloroethene

Concen: 538.43 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024174.D

Acq: 27 May 2018 03:15

Tgt Ion: 95 Resp: 1405475

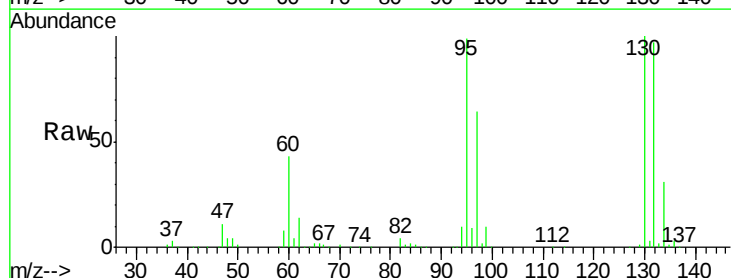
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 98.7 69.0 128.2

130 101.3 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

1000000

800000

600000

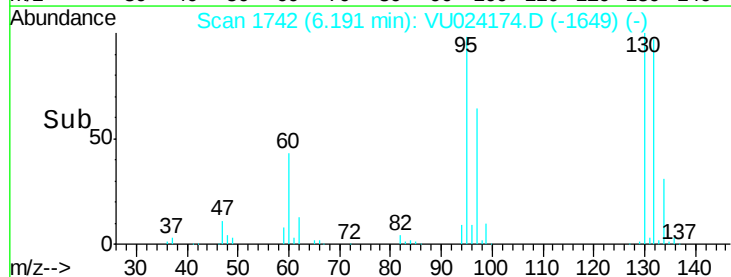
400000

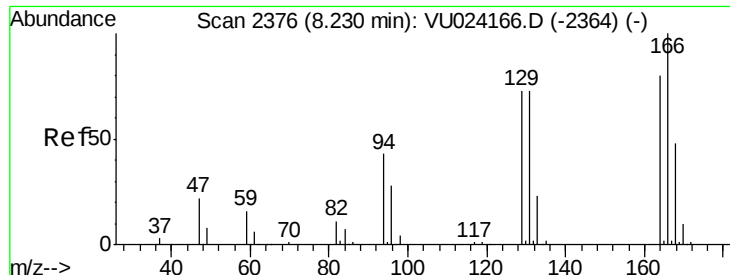
200000

0

6.10 6.20 6.30 6.40

Time-->





#46

Tetrachloroethene

Concen: 5.66 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024174.D

Acq: 27 May 2018 03:15

Tgt Ion:164 Resp: 10342

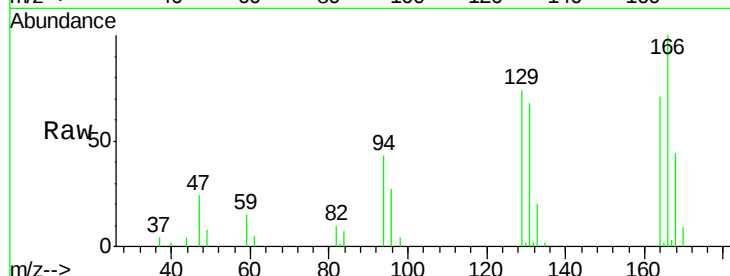
Ion Ratio Lower Upper

164 100

129 104.0 66.6 123.6

131 94.8 64.5 119.9

166 140.2 89.3 165.9

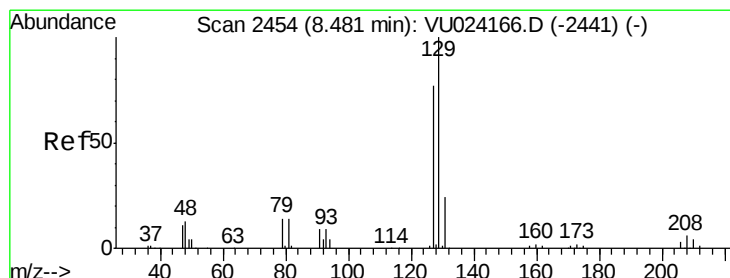
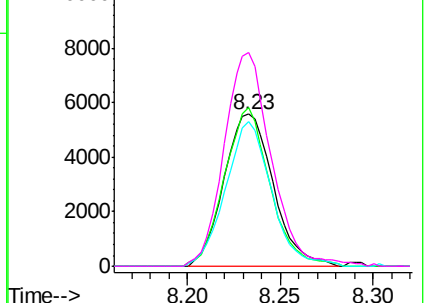
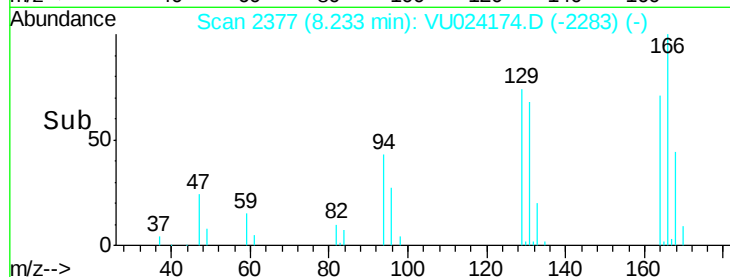


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.08 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024174.D

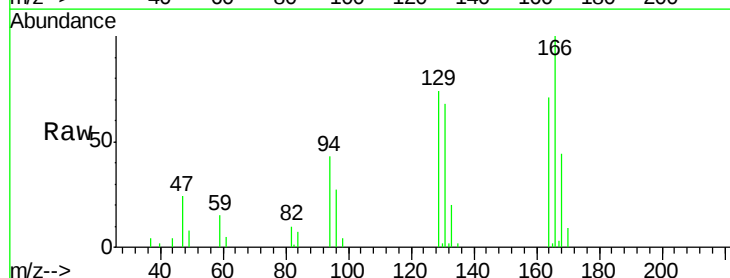
Acq: 27 May 2018 03:15

Tgt Ion:129 Resp: 9939

Ion Ratio Lower Upper

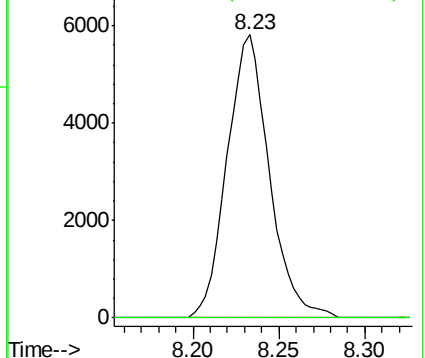
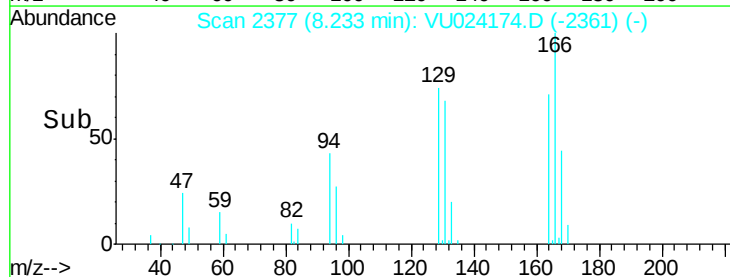
129 100

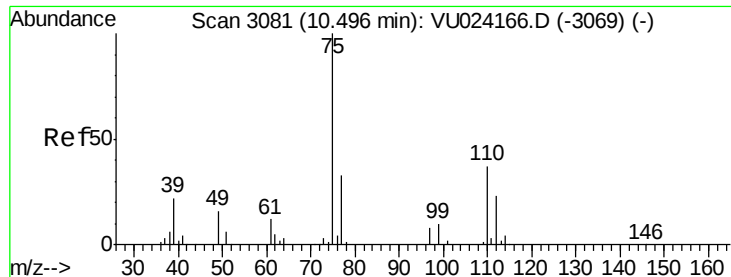
127 0.0 54.2 100.6#



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: 3.37 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU024174.D
 Acq: 27 May 2018 03:15

Tgt Ion: 75 Resp: 10978
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.5 38.3

