

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024176.D
 Acq On : 27 May 2018 04:06
 Operator : MD/SY
 Sample : J3092-12 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 28 02:22:59 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	291791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97504	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73635	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.38%
7) Chloroethane-d5	1.68	69	67122	38.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.27	63	111883	27.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.22%#
21) 2-Butanone-d5	4.18	46	168099	95.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.65	84	167595	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.31	65	111212	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
32) Benzene-d6	5.35	84	315490	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.34	67	116829	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.90%
41) Toluene-d8	7.57	98	266457	37.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.98%#
43) trans-1,3-Dichloropropene-	7.85	79	38769	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
47) 2-Hexanone-d5	8.31	63	116128	92.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.62%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170910	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.87	152	101649	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

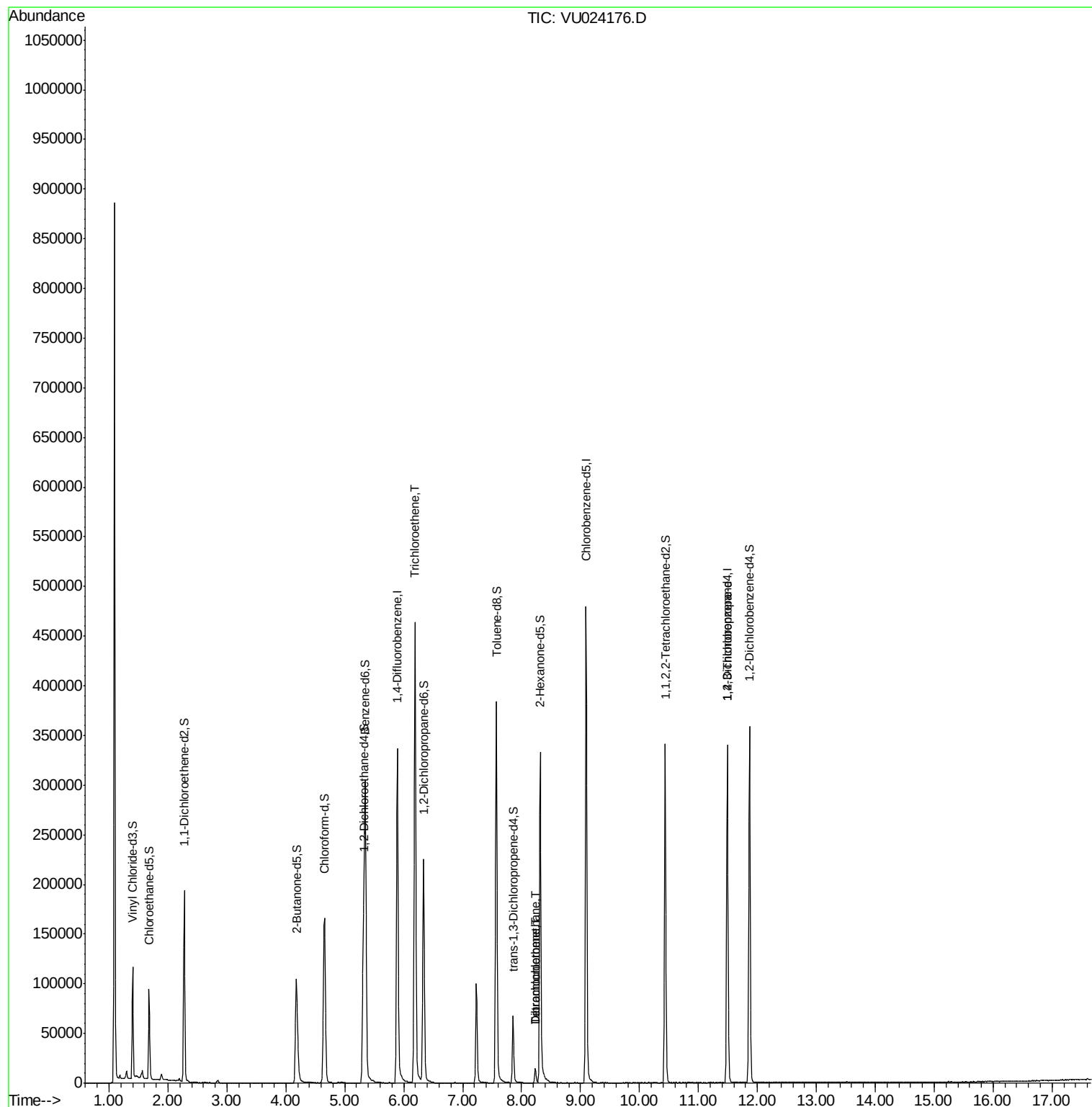
Target Compounds

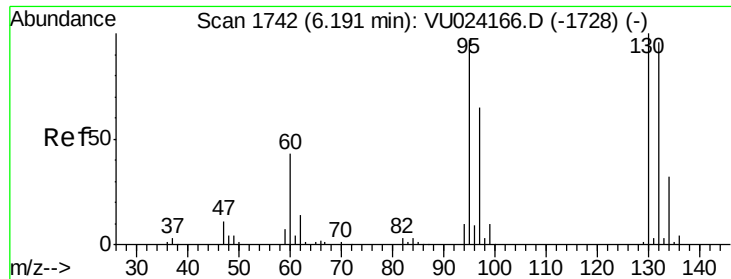
						Qvalue
34) Trichloroethene	6.19	95	165398	63.83	ug/L	98
46) Tetrachloroethene	8.24	164	3689	2.04	ug/L	93
49) Dibromochloromethane	8.24	129	3434	1.42	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10799	3.34	ug/L	94

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

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#34

Trichloroethene

Concen: 63.83 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024176.D

Acq: 27 May 2018 04:06

Tgt Ion: 95 Resp: 165398

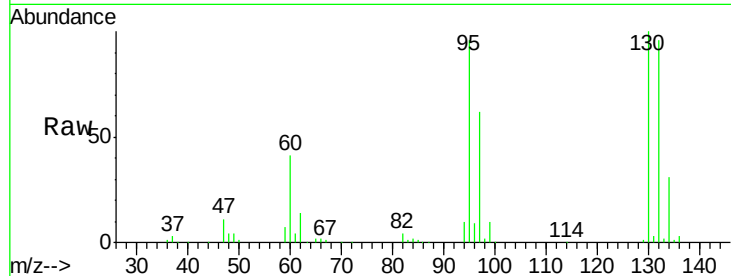
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 99.7 69.0 128.2

130 103.9 70.6 131.0

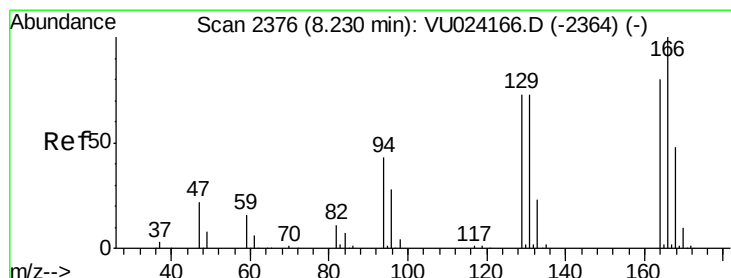
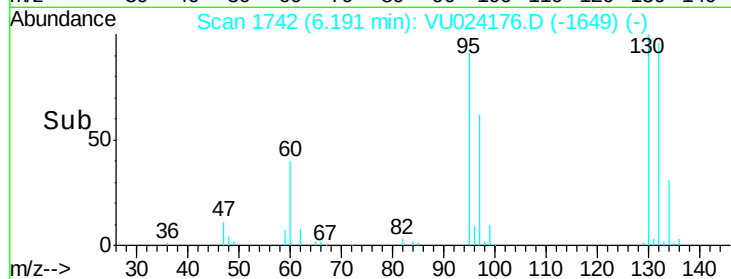
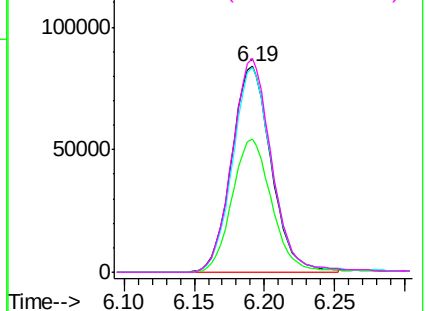


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.04 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. 0.01 min

Lab File: VU024176.D

Acq: 27 May 2018 04:06

Tgt Ion: 164 Resp: 3689

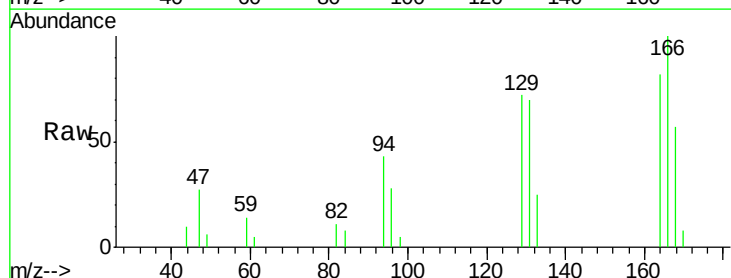
Ion Ratio Lower Upper

164 100

129 87.9 66.6 123.6

131 85.0 64.5 119.9

166 121.5 89.3 165.9

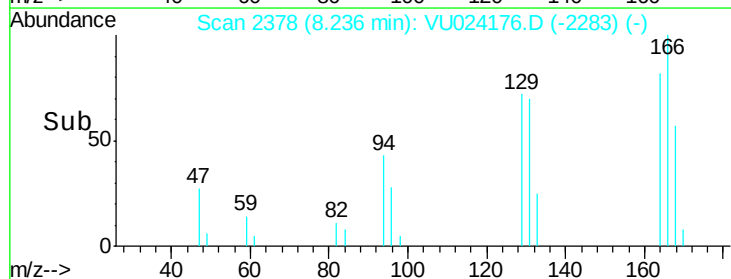
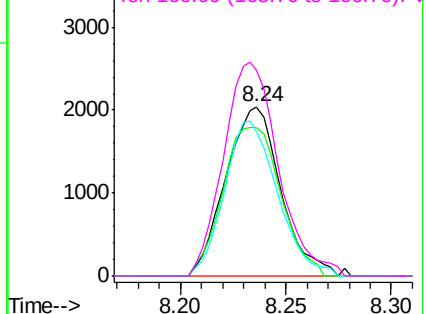


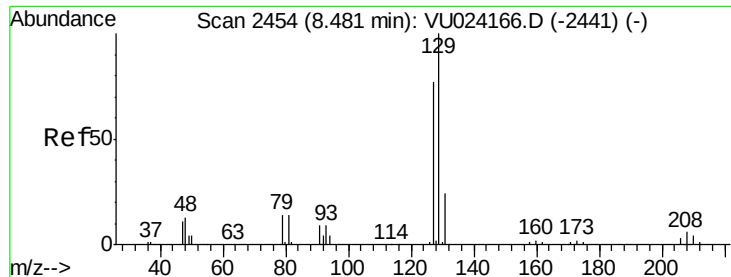
Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.42 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. -0.24 min

Lab File: VU024176.D

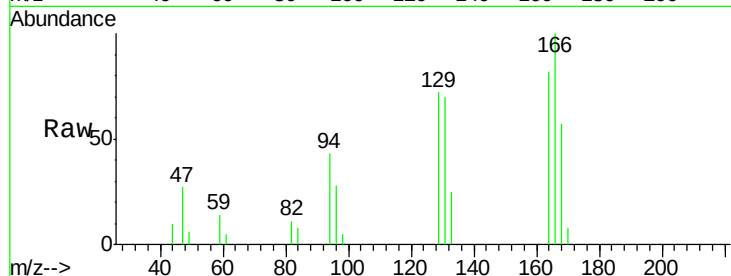
Acq: 27 May 2018 04:06

Tgt Ion: 129 Resp: 3434

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

8.24

1500

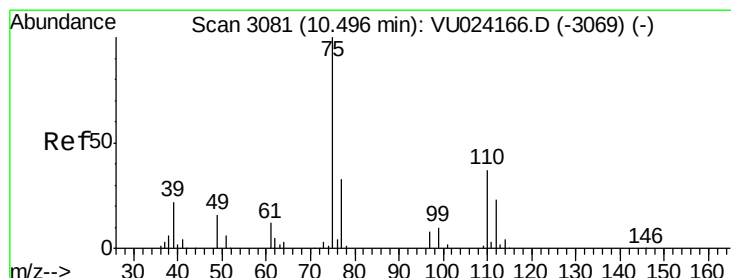
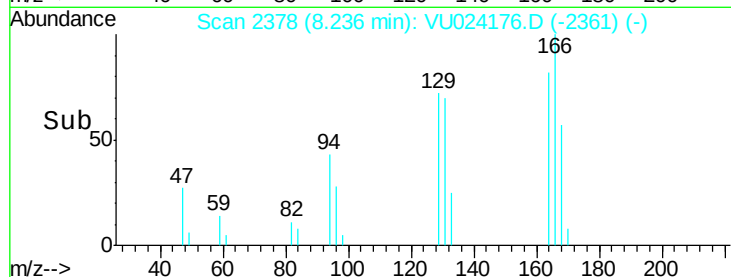
1000

500

0

Time-->

8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 3.34 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024176.D

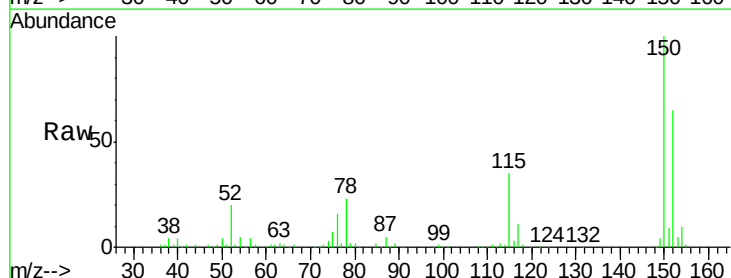
Acq: 27 May 2018 04:06

Tgt Ion: 75 Resp: 10799

Ion Ratio Lower Upper

75 100

77 35.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.49

6000

4000

2000

0

Time-->

11.45 11.50 11.55

