

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024159.D
 Acq On : 26 May 2018 20:55
 Operator : MD/SY
 Sample : J3091-11 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 28 01:01:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	290913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	275790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87829	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.68	69	76911	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.58%
11) 1,1-Dichloroethene-d2	2.27	63	129986	31.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.20%
21) 2-Butanone-d5	4.18	46	169860	96.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.61%
24) Chloroform-d	4.65	84	181303	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.31	65	117367	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.35	84	355289	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.34	67	125232	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.57	98	306992	43.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	45344	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.31	63	117208	93.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171357	44.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	110263	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

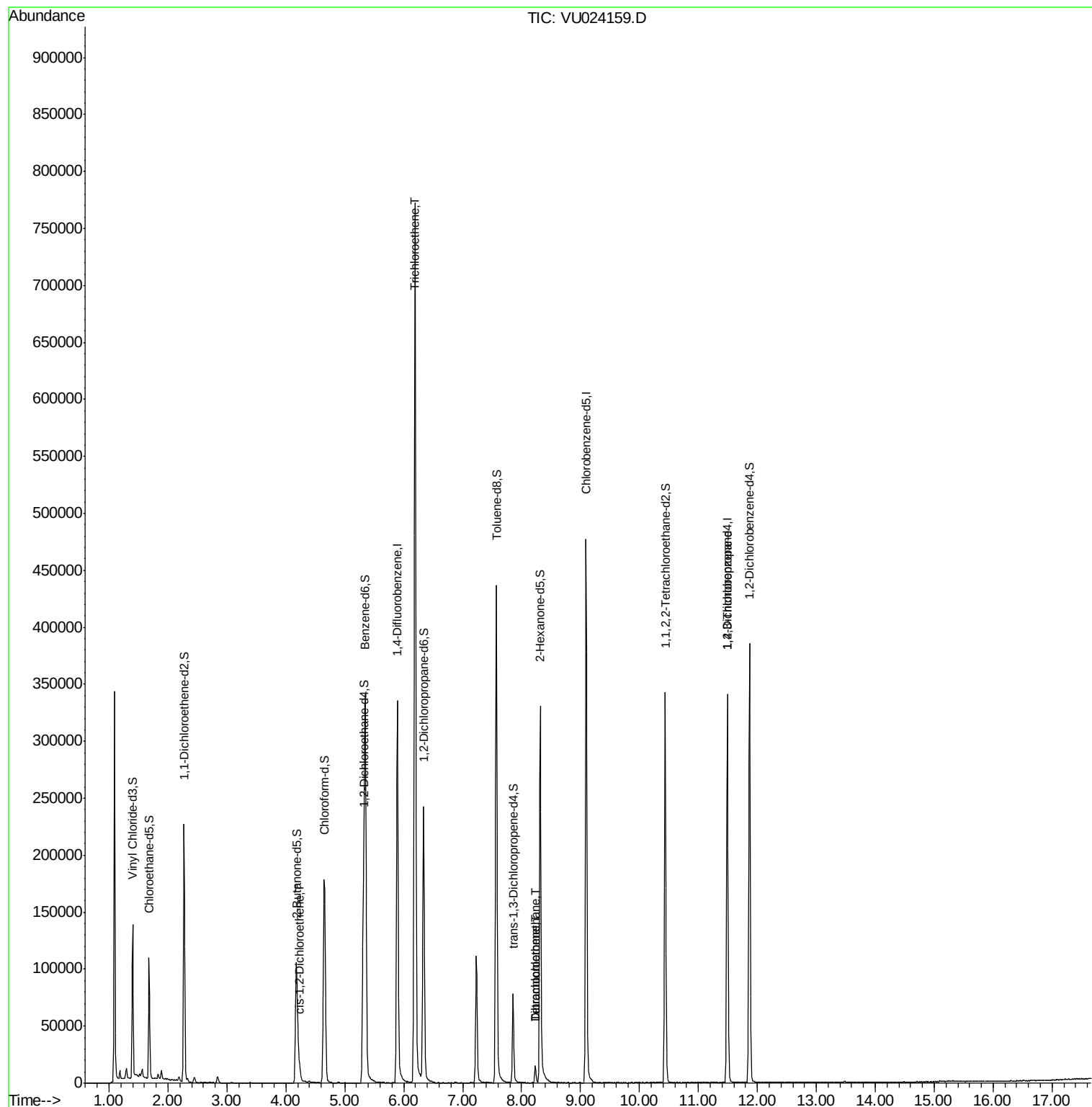
Target Compounds

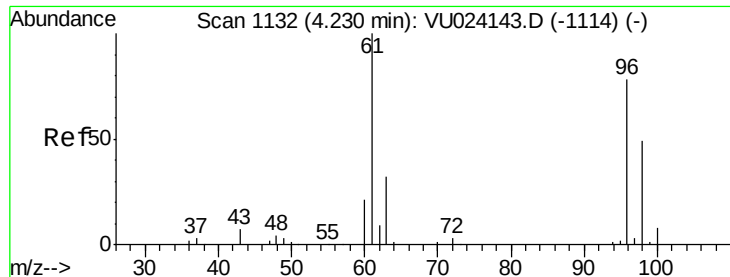
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	5096	2.18	ug/L	96
34) Trichloroethene	6.19	95	278065	107.82	ug/L	99
46) Tetrachloroethene	8.23	164	3391	1.88	ug/L	84
49) Dibromochloromethane	8.23	129	3545	1.47	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11121	3.45	ug/L	97

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

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#20

cis-1,2-Dichloroethene

Concen: 2.18 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024159.D

Acq: 26 May 2018 20:55

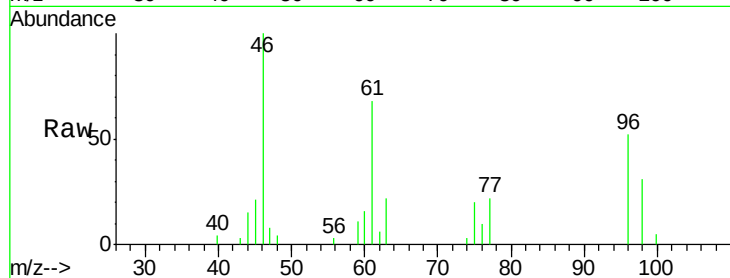
Tgt Ion: 96 Resp: 5096

Ion Ratio Lower Upper

96 100

61 130.5 94.8 176.0

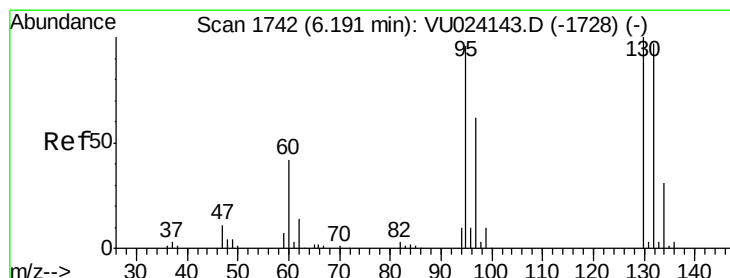
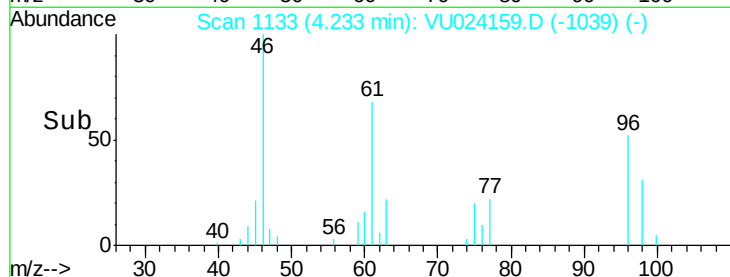
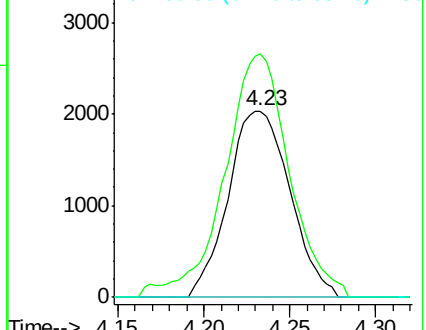
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU024143.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU024143.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU024143.D (-1114) (-)



#34

Trichloroethene

Concen: 107.82 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024159.D

Acq: 26 May 2018 20:55

Tgt Ion: 95 Resp: 278065

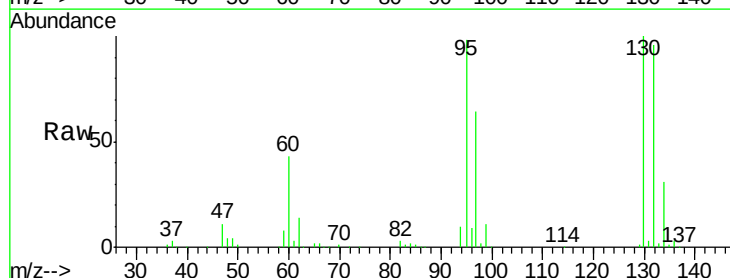
Ion Ratio Lower Upper

95 100

97 65.3 44.5 82.7

132 98.2 69.0 128.2

130 102.3 70.6 131.0

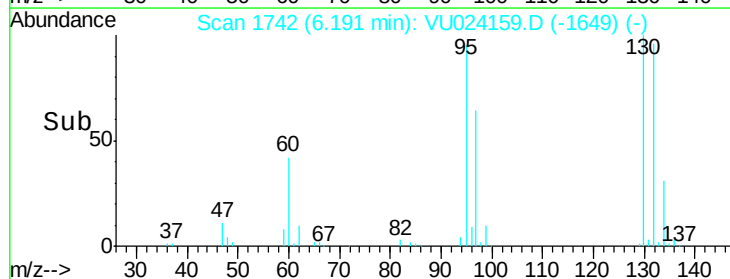
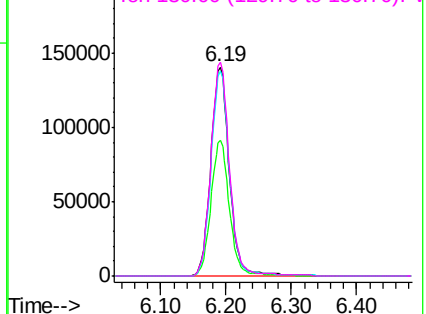


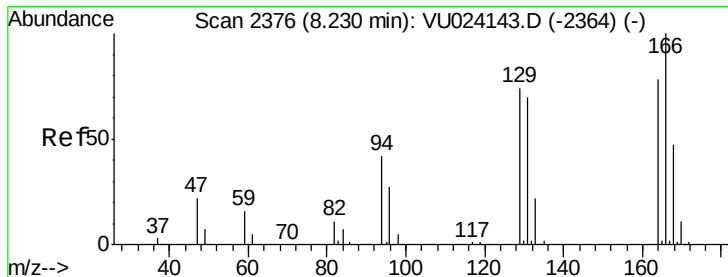
Abundance Ion 95.00 (94.70 to 95.70): VU024143.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU024143.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU024143.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU024143.D (-1728) (-)





#46

Tetrachloroethene

Concen: 1.88 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024159.D

Acq: 26 May 2018 20:55

Tgt Ion:164 Resp: 3391

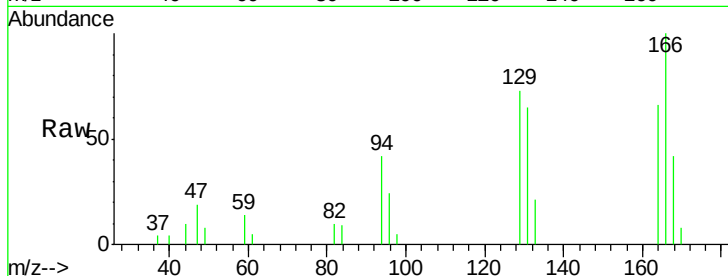
Ion Ratio Lower Upper

164 100

129 111.7 66.6 123.6

131 99.2 64.5 119.9

166 152.2 89.3 165.9

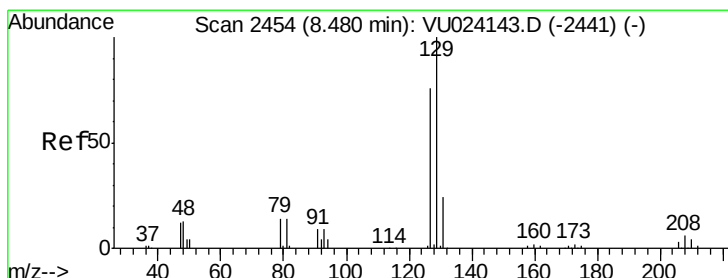
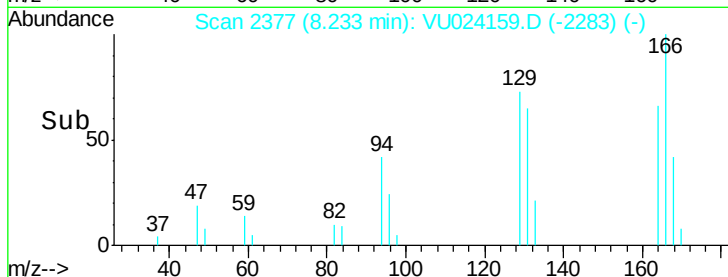
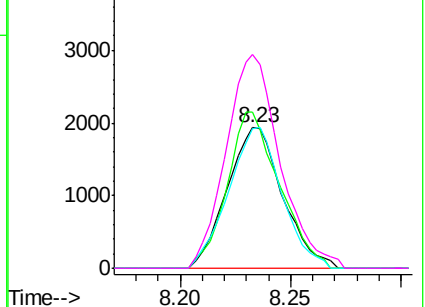


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.47 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024159.D

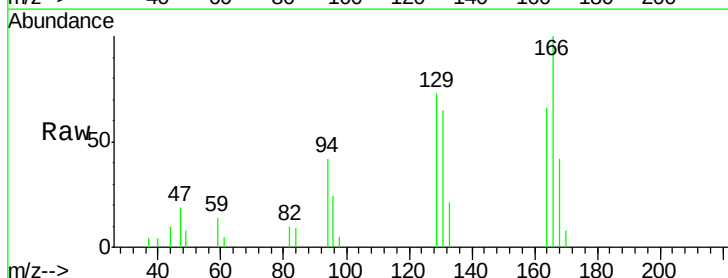
Acq: 26 May 2018 20:55

Tgt Ion:129 Resp: 3545

Ion Ratio Lower Upper

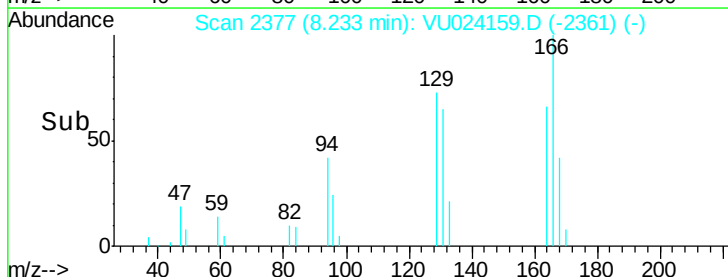
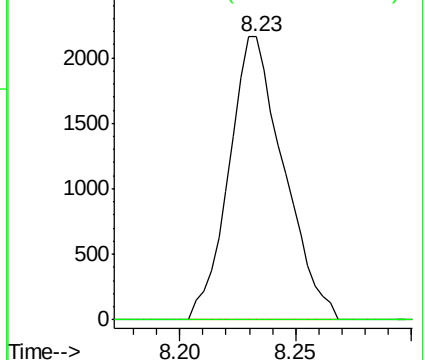
129 100

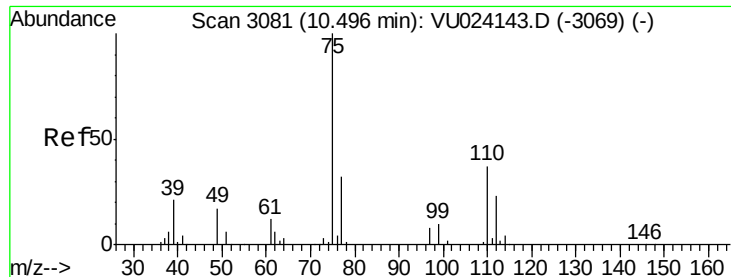
127 0.0 54.2 100.6#



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: 3.45 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024159.D

Acq: 26 May 2018 20:55

Tgt Ion: 75 Resp: 11121

Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3

