

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024154.D
 Acq On : 26 May 2018 18:48
 Operator : MD/SY
 Sample : J3091-05 DL50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 28 01:00:03 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	286710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95071	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86213	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.10%
7) Chloroethane-d5	1.68	69	74140	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.66%
11) 1,1-Dichloroethene-d2	2.27	63	126976	31.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.64%
21) 2-Butanone-d5	4.18	46	165191	95.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.33%
24) Chloroform-d	4.65	84	174931	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.31	65	115401	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
32) Benzene-d6	5.35	84	344169	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
36) 1,2-Dichloropropane-d6	6.34	67	120525	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.76%
41) Toluene-d8	7.57	98	294910	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	43226	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.58%
47) 2-Hexanone-d5	8.31	63	113180	92.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169491	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.87	152	108166	51.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.78%

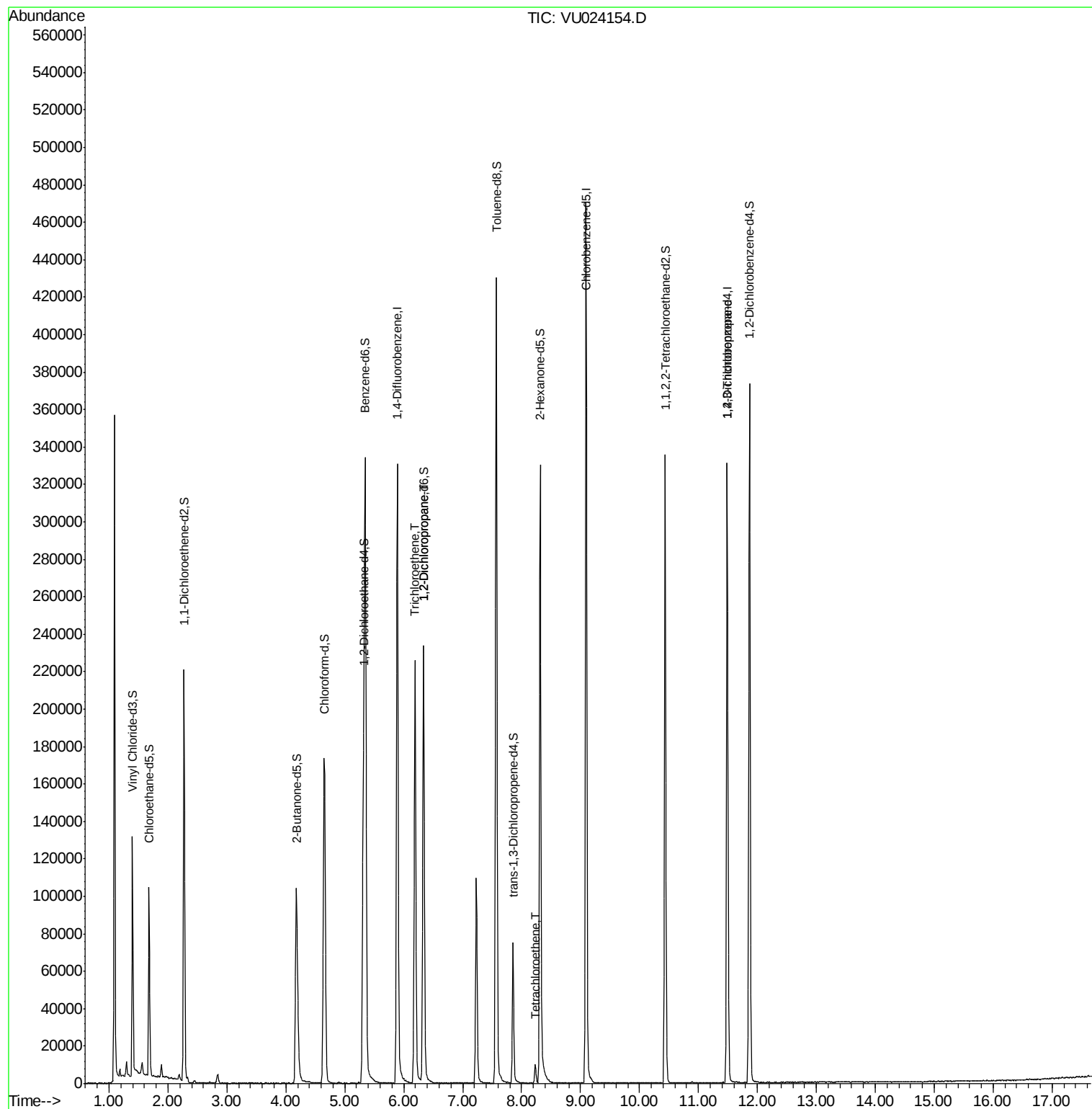
Target Compounds

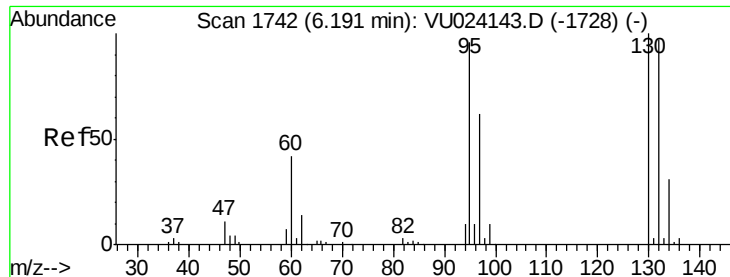
						Qvalue
34) Trichloroethene	6.19	95	80759	31.86	ug/L	98
37) 1,2-Dichloropropane	6.34	63	11879	4.69	ug/L #	89
46) Tetrachloroethene	8.23	164	2667	1.50	ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	10282	3.25	ug/L #	88

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

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#34

Trichloroethene

Concen: 31.86 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024154.D

Acq: 26 May 2018 18:48

Tgt Ion: 95 Resp: 80759

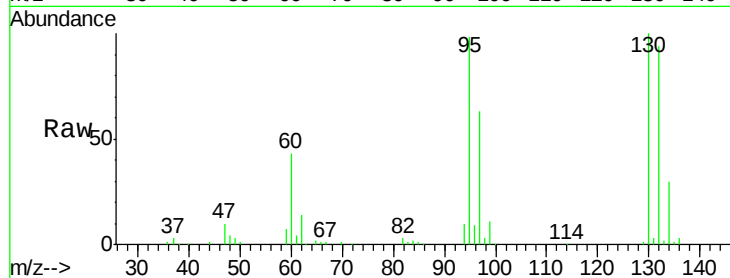
Ion Ratio Lower Upper

95 100

97 64.1 44.5 82.7

132 96.4 69.0 128.2

130 102.6 70.6 131.0

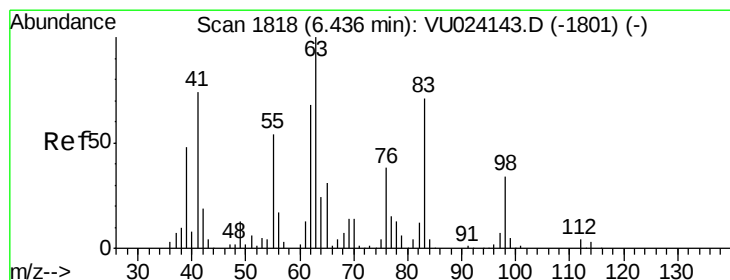
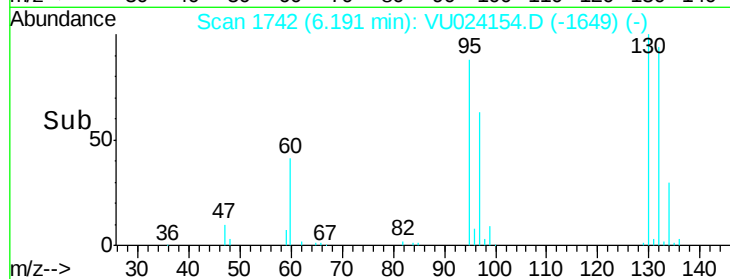
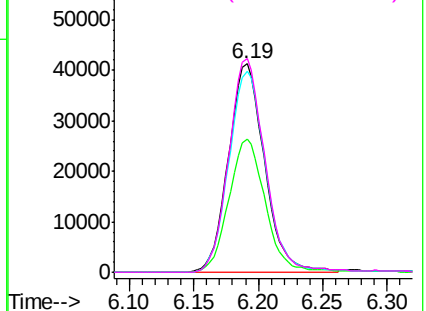


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 4.69 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024154.D

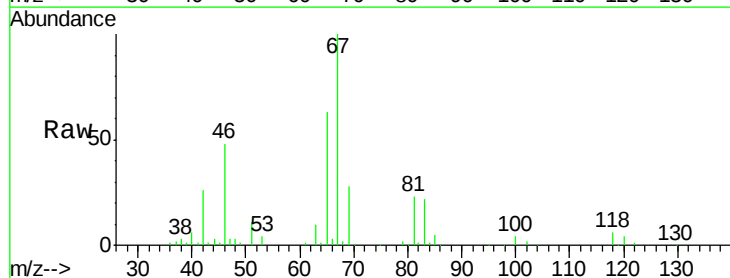
Acq: 26 May 2018 18:48

Tgt Ion: 63 Resp: 11879

Ion Ratio Lower Upper

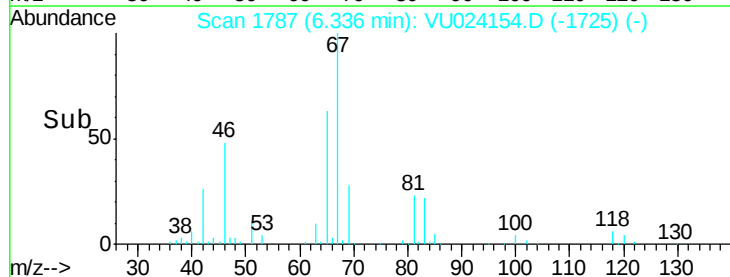
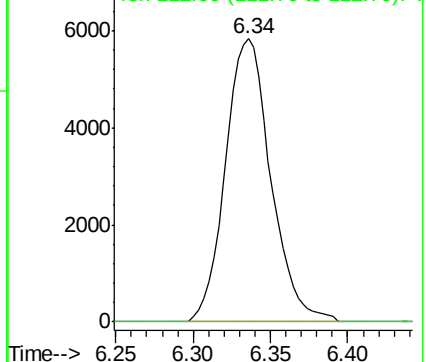
63 100

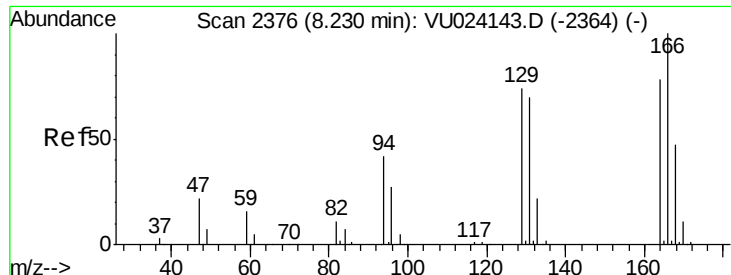
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.50 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024154.D

Acq: 26 May 2018 18:48

Tgt Ion: 164 Resp: 2667

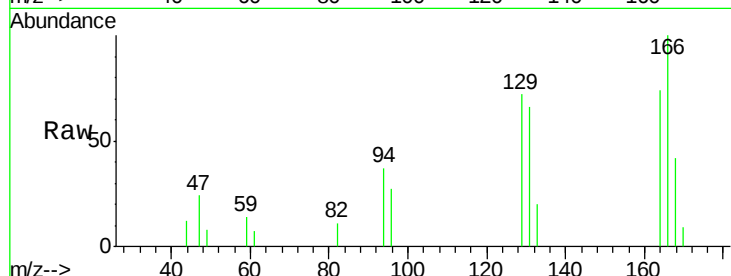
Ion Ratio Lower Upper

164 100

129 96.7 66.6 123.6

131 88.2 64.5 119.9

166 134.6 89.3 165.9

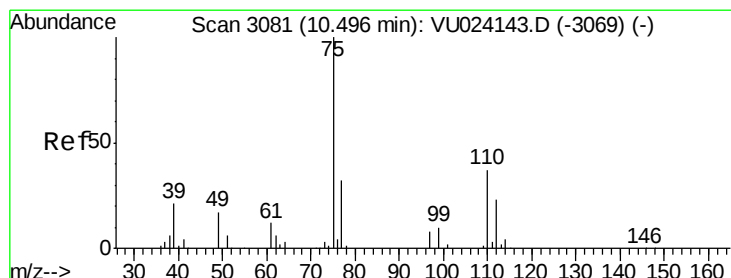
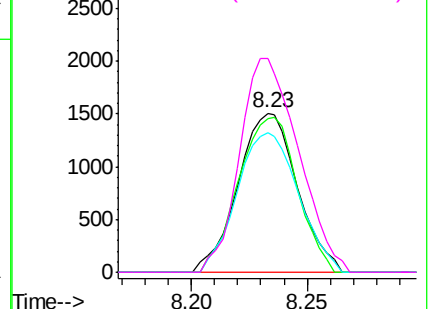
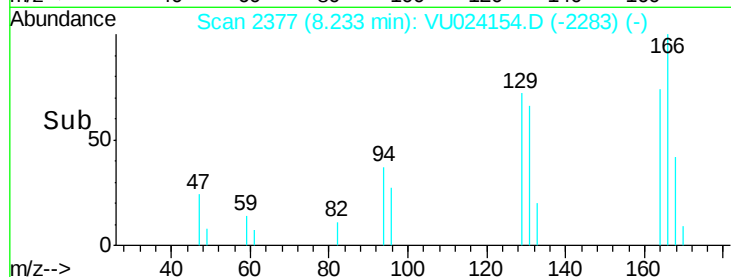


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 3.25 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

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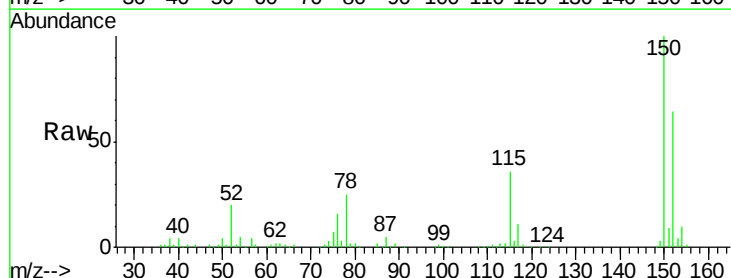
Acq: 26 May 2018 18:48

Tgt Ion: 75 Resp: 10282

Ion Ratio Lower Upper

75 100

77 38.4 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

