

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024191.D
 Acq On : 27 May 2018 16:17
 Operator : MD/SY
 Sample : J3089-20 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 28 04:20:14 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	299103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276793	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112617	49.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.06%
7) Chloroethane-d5	1.68	69	91381	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.27	63	152376	36.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.04%
21) 2-Butanone-d5	4.18	46	160386	88.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	4.65	84	191173	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.31	65	127103	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.35	84	391848	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
36) 1,2-Dichloropropane-d6	6.34	67	136834	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.24%
41) Toluene-d8	7.57	98	340985	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%
43) trans-1,3-Dichloropropene-	7.85	79	47828	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.31	63	105572	84.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172627	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	113865	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%

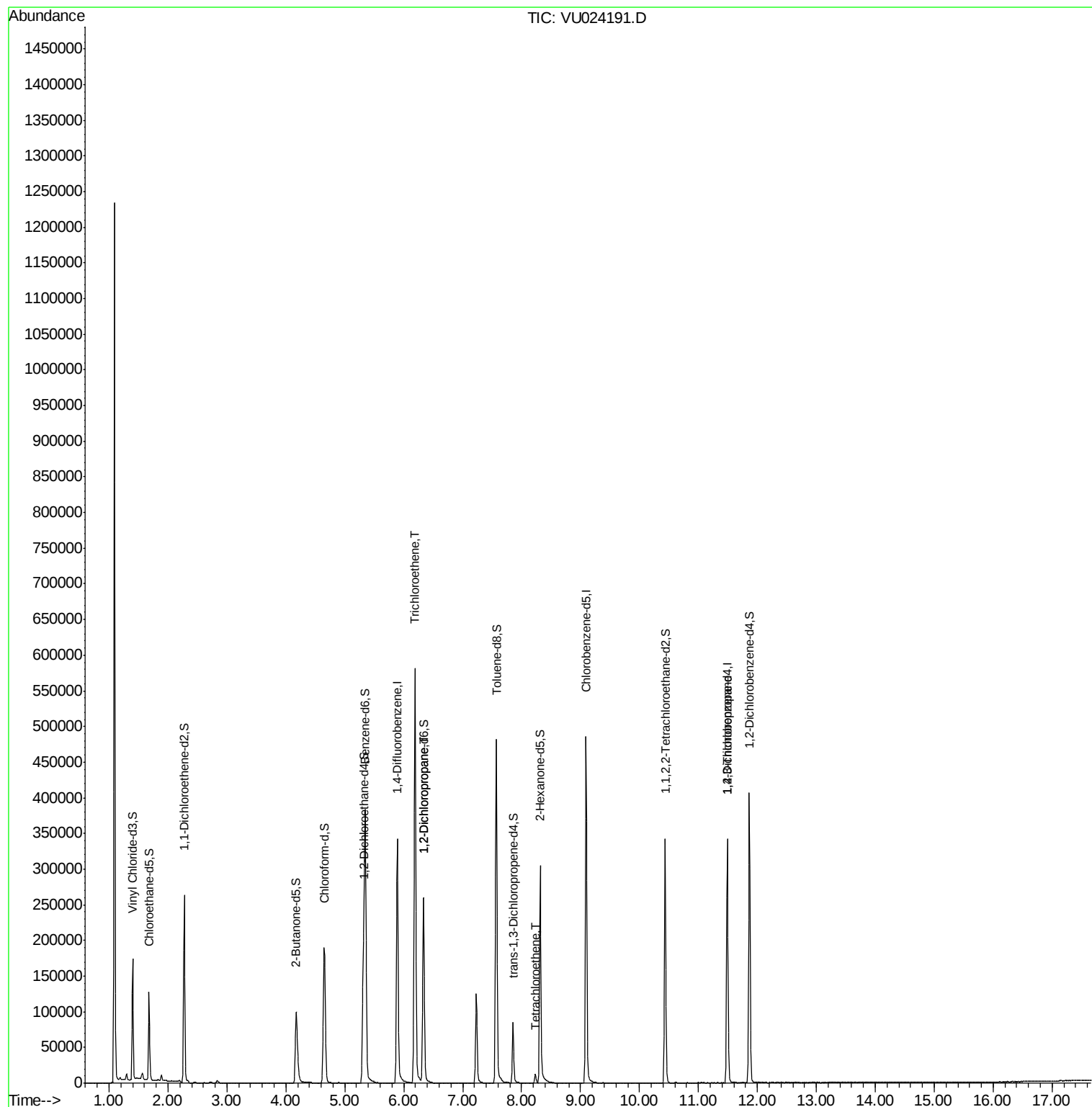
Target Compounds

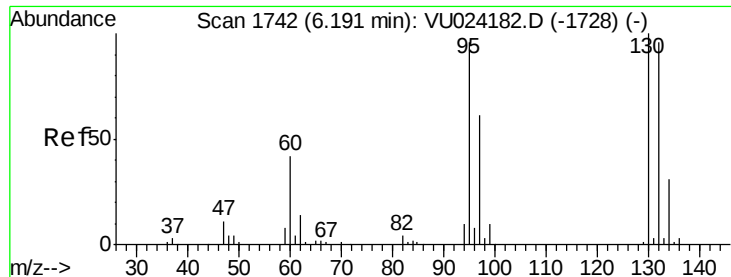
						Qvalue
34) Trichloroethene	6.19	95	210005	81.13	ug/L	98
37) 1,2-Dichloropropane	6.33	63	13989	5.41	ug/L #	89
46) Tetrachloroethene	8.23	164	2943	1.63	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	11123	3.44	ug/L #	86

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

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#34

Trichloroethene

Concen: 81.13 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024191.D

Acq: 27 May 2018 16:17

Tgt Ion: 95 Resp: 210005

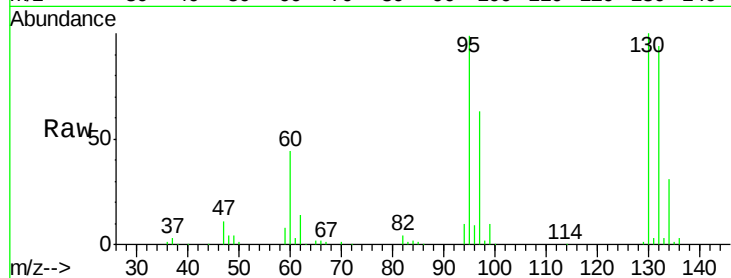
Ion Ratio Lower Upper

95 100

97 64.2 44.5 82.7

132 95.3 69.0 128.2

130 101.4 70.6 131.0

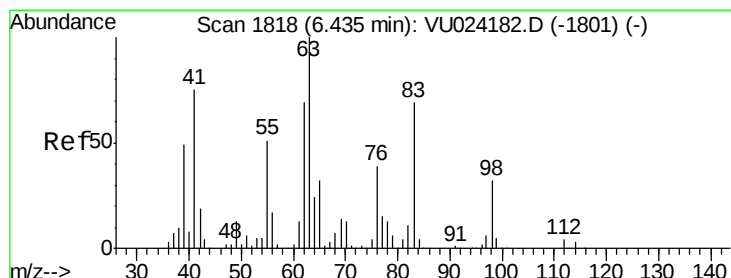
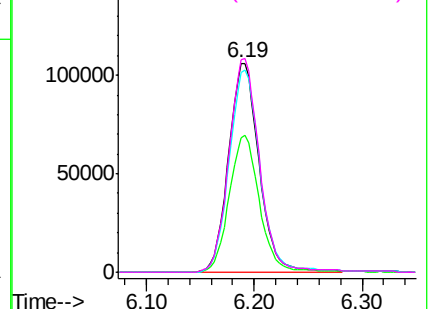
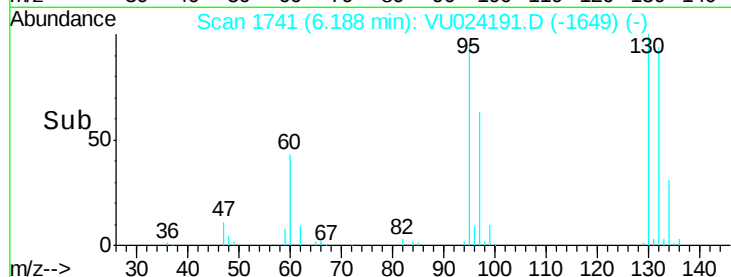


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.41 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU024191.D

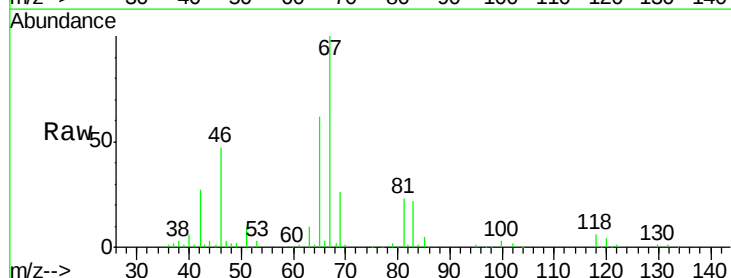
Acq: 27 May 2018 16:17

Tgt Ion: 63 Resp: 13989

Ion Ratio Lower Upper

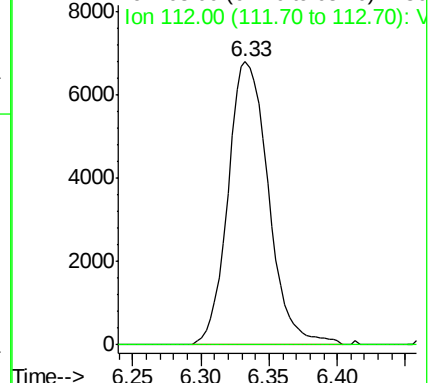
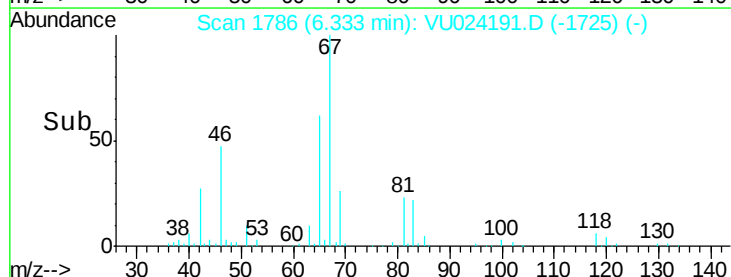
63 100

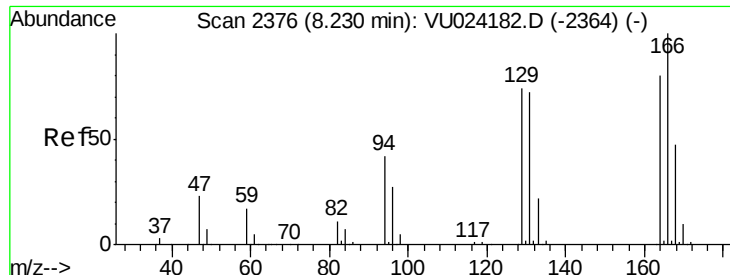
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.63 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024191.D

Acq: 27 May 2018 16:17

Tgt Ion: 164 Resp: 2943

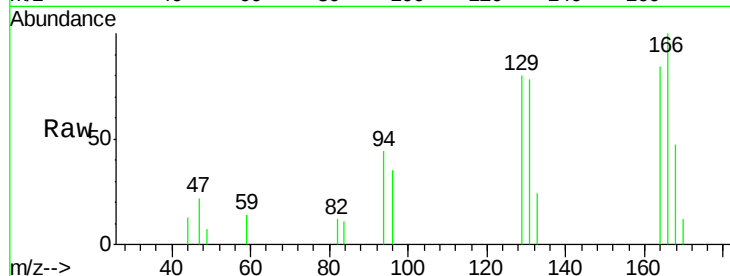
Ion Ratio Lower Upper

164 100

129 95.6 66.6 123.6

131 92.5 64.5 119.9

166 118.9 89.3 165.9

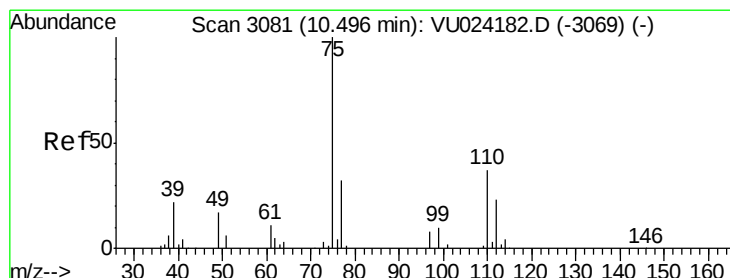
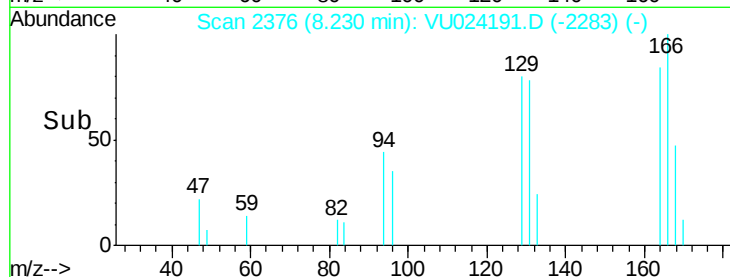
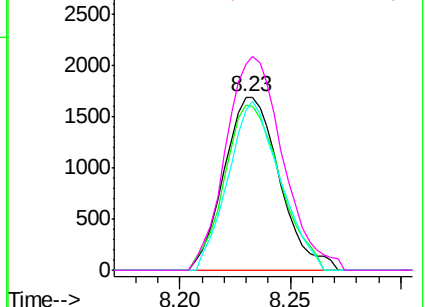


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 3.44 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024191.D

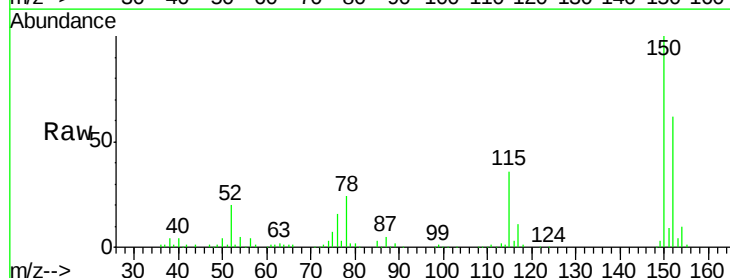
Acq: 27 May 2018 16:17

Tgt Ion: 75 Resp: 11123

Ion Ratio Lower Upper

75 100

77 39.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

