

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025826.D
 Acq On : 03 Aug 2018 18:23
 Operator : MD/SY
 Sample : J4340-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F68

Quant Time: Aug 03 23:52:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	305867	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291291	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79382	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.92%
7) Chloroethane-d5	1.68	69	67409	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	131103	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	4.18	46	145029	107.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	4.65	84	181048	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.31	65	126228	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.35	84	352998	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.34	67	114382	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.04%
41) Toluene-d8	7.57	98	330278	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	56817	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.42%
47) 2-Hexanone-d5	8.31	63	102035	101.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156498	46.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	135440	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

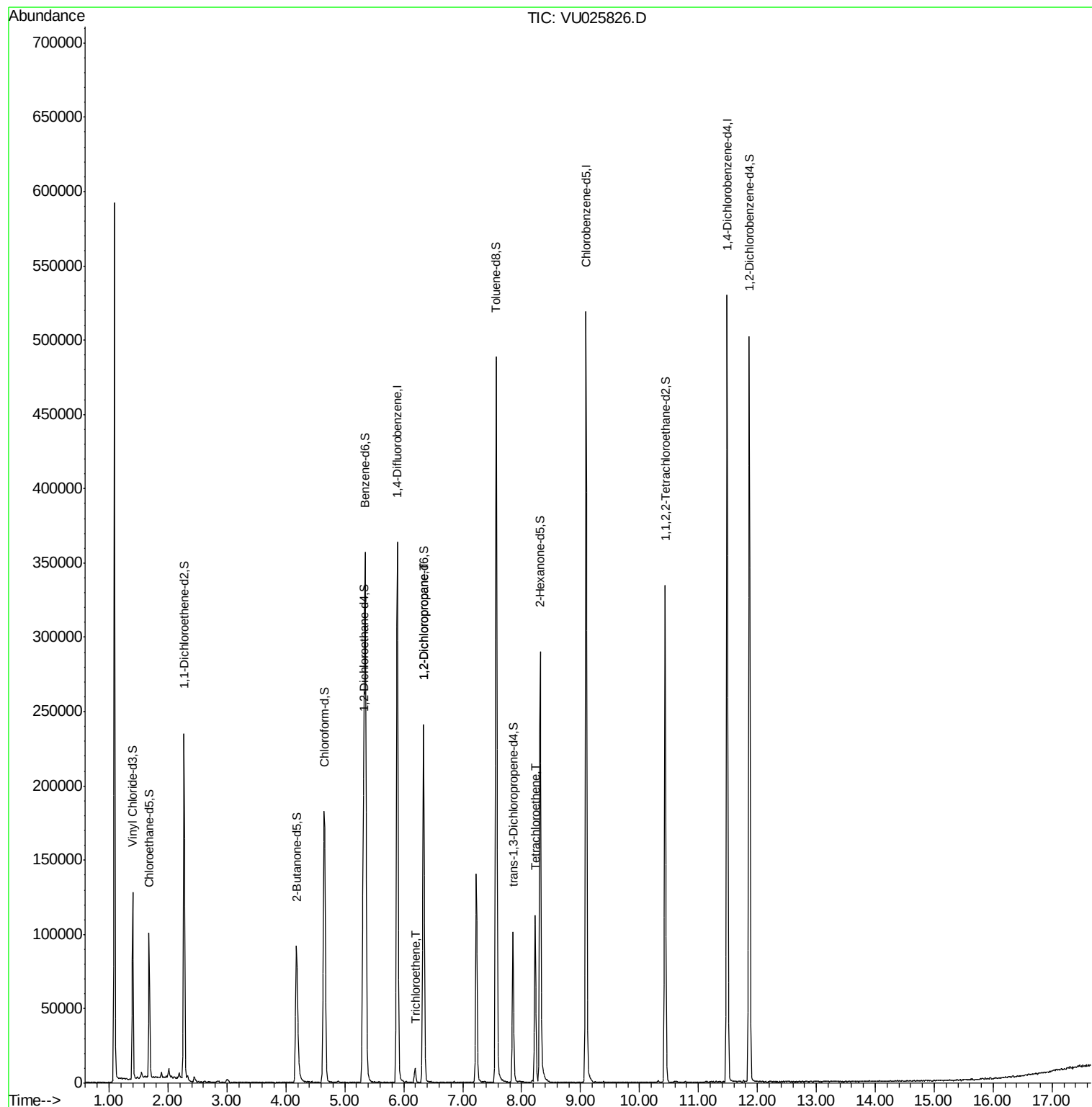
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
34) Trichloroethene	6.19	95	3078	1.386	ug/L	96
37) 1,2-Dichloropropane	6.33	63	13116	5.735	ug/L #	88
46) Tetrachloroethene	8.23	164	25440	13.214	ug/L	97

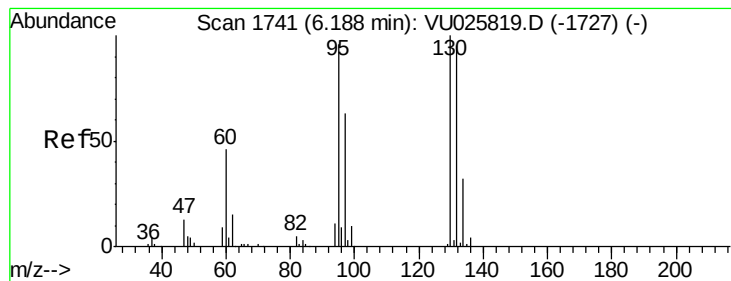
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.386 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

E5F68

Tgt Ion: 95 Resp: 3078

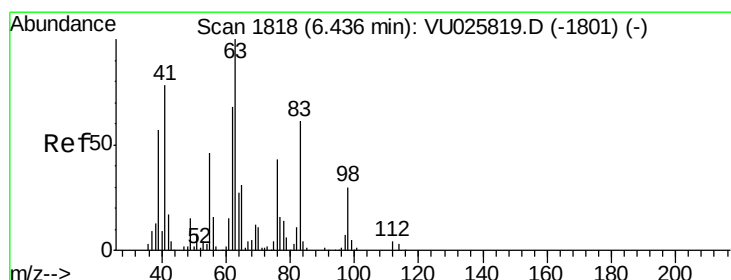
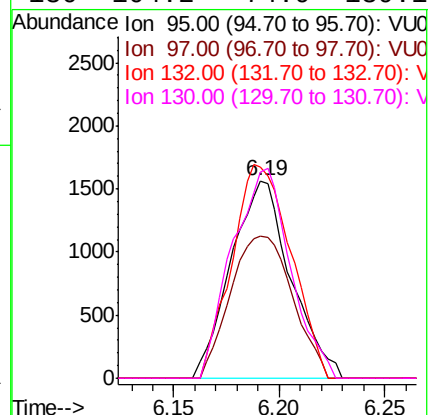
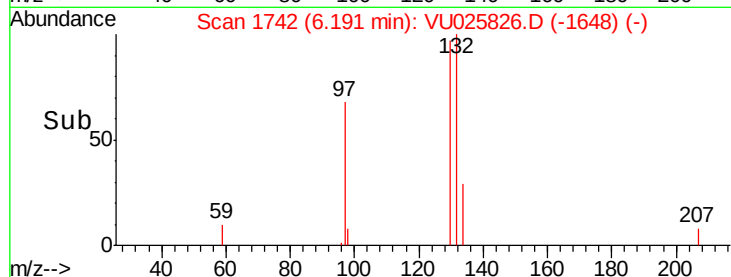
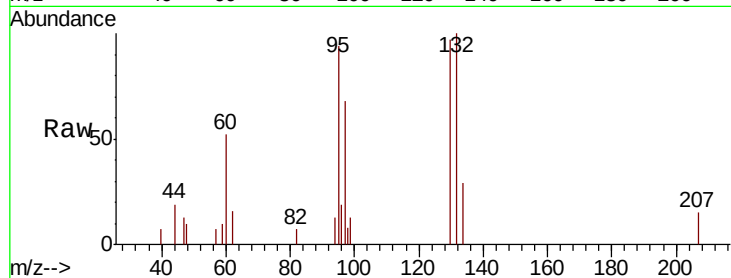
Ion Ratio Lower Upper

95 100

97 72.3 45.9 85.3

132 106.8 72.2 134.2

130 104.2 74.9 139.1



#37

1,2-Dichloropropane

Concen: 5.735 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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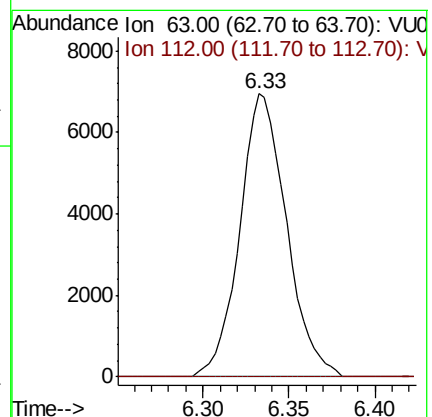
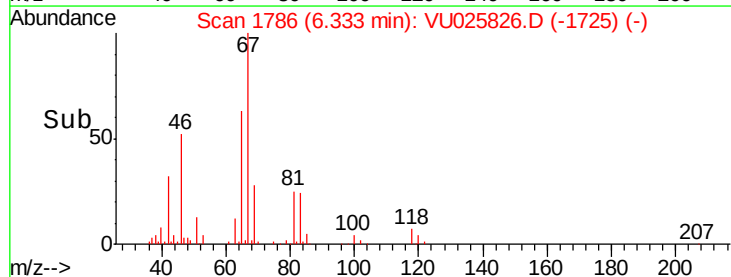
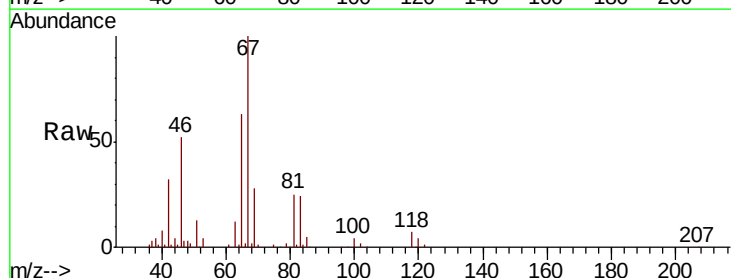
Acq: 03 Aug 2018 18:23

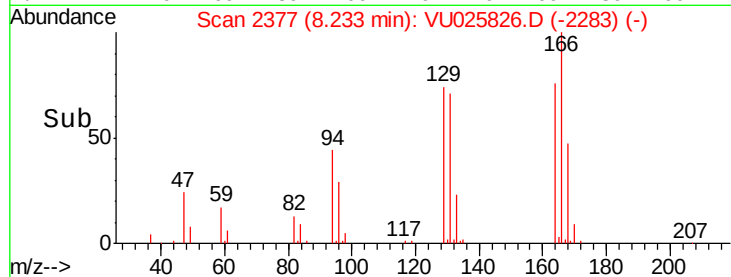
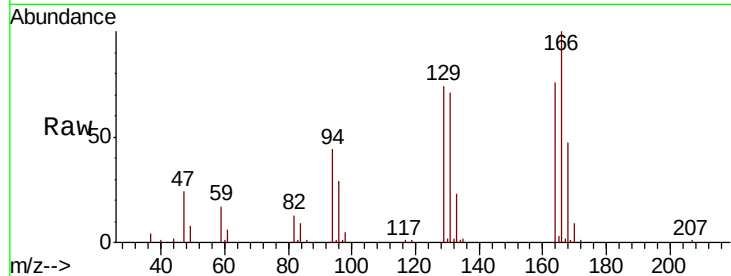
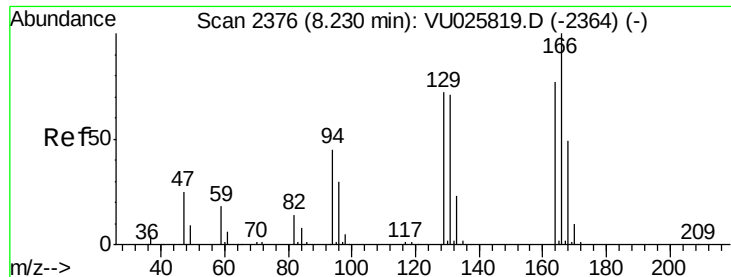
Tgt Ion: 63 Resp: 13116

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#46

Tetrachloroethene

Concen: 13.214 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 25440

Ion Ratio Lower Upper

164 100

129 96.8 65.1 120.9

131 92.4 62.8 116.6

166 130.9 89.7 166.7

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

