

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070618\
 Data File : VU025235.D
 Acq On : 06 Jul 2018 11:54
 Operator : MD/SY
 Sample : J3834-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEAP1

Quant Time: Jul 06 23:19:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 06 23:15:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	320744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81892	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.42%
7) Chloroethane-d5	1.68	69	71511	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.27	63	141745	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	4.18	46	160270	100.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.65	84	176823	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	5.31	65	141644	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.35	84	372497	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
36) 1,2-Dichloropropane-d6	6.33	67	120119	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.54%
41) Toluene-d8	7.57	98	358749	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%
43) trans-1,3-Dichloropropene-	7.85	79	58510	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.82%
47) 2-Hexanone-d5	8.31	63	116544	101.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167054	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.87	152	141723	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

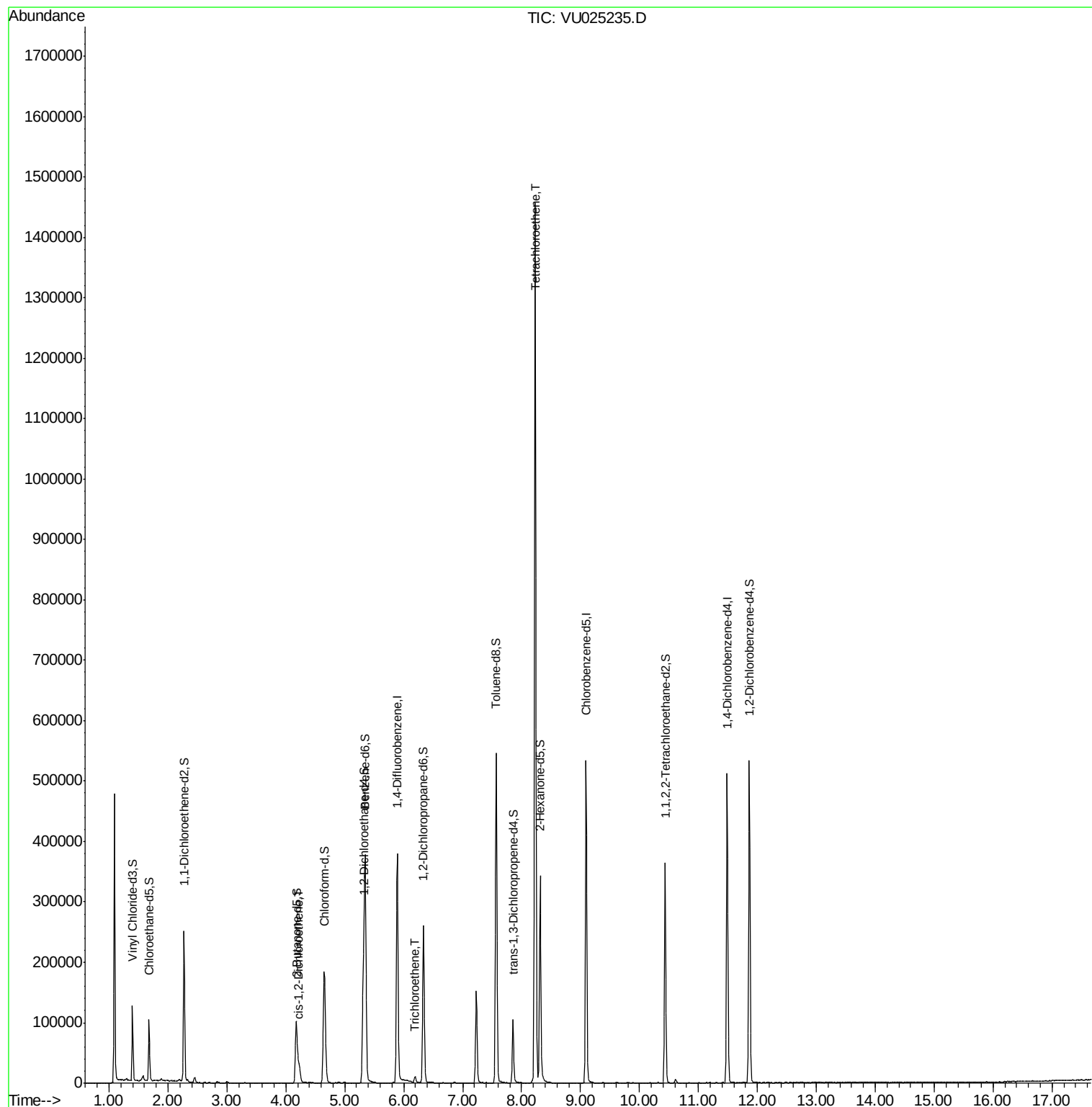
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	11824	4.81	ug/L	98
34) Trichloroethene	6.19	95	3426	1.48	ug/L	95
46) Tetrachloroethene	8.23	164	321825	163.79	ug/L	99

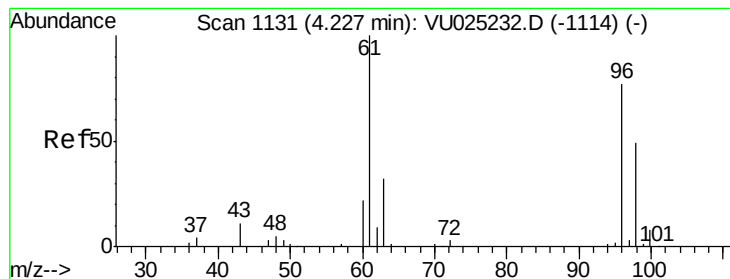
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.81 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BEAP1

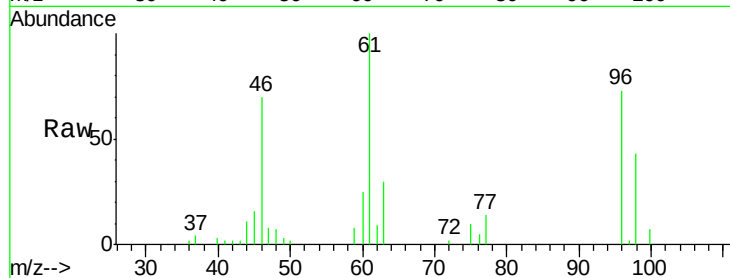
Tot Ion: 96 Resp: 11824

Ion Ratio Lower Upper

96 100

61 136.2 93.4 173.6

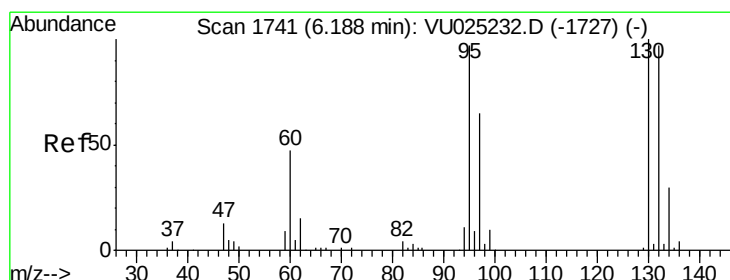
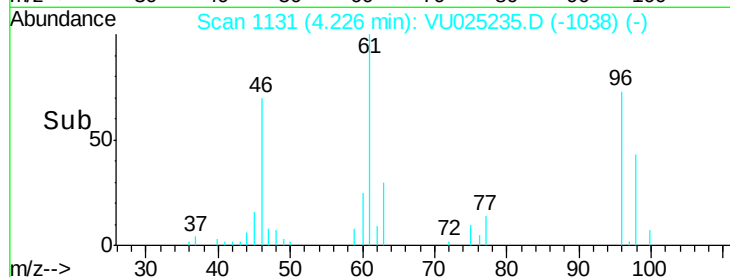
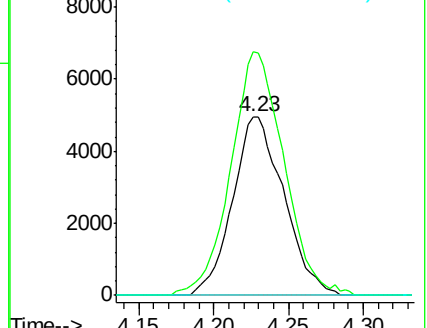
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 1.48 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025235.D

Acq: 06 Jul 2018 11:54

Tgt Ion: 95 Resp: 3426

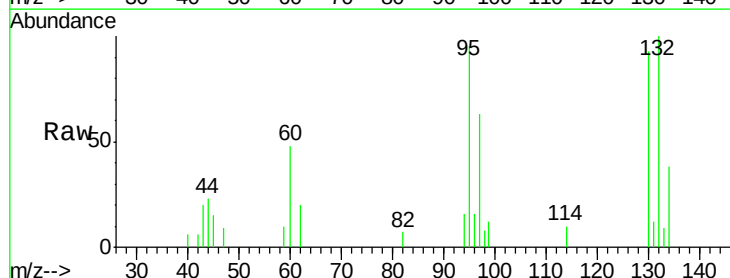
Ion Ratio Lower Upper

95 100

97 66.5 44.1 81.9

132 105.2 70.2 130.4

130 98.1 71.7 133.1

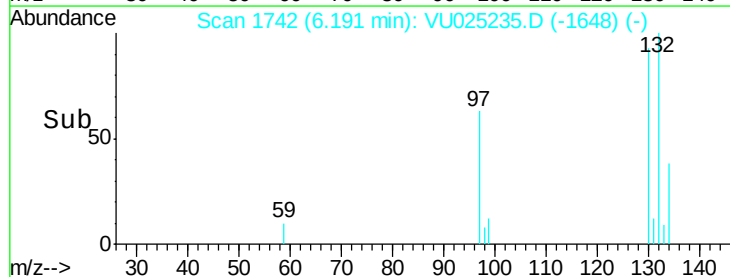
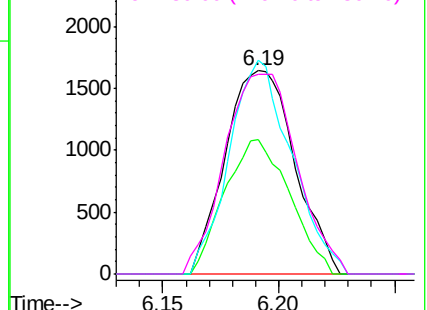


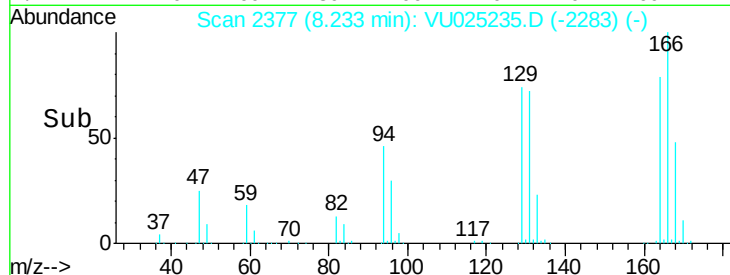
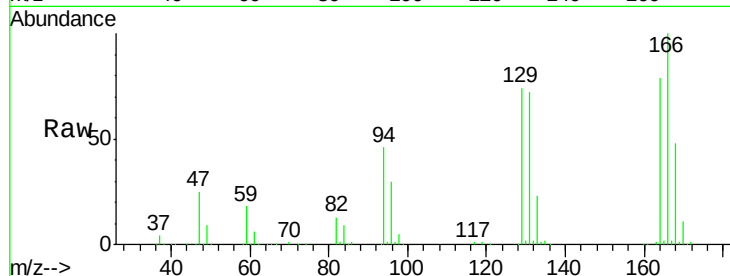
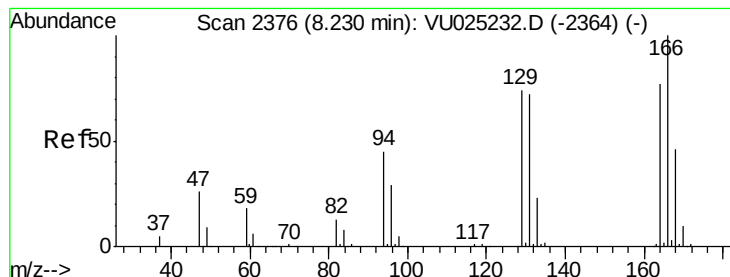
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 163.79 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 321825

Ion Ratio Lower Upper

164 100

129 93.9 66.1 122.8

131 92.1 62.7 116.5

166 127.1 88.8 165.0

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

