

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026512.D
 Acq On : 31 Aug 2018 20:04
 Operator : MD/SY
 Sample : J4691-07 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE04

Quant Time: Sep 04 09:53:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	146683	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38080	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	37165	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.27	63	56963	27.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.66%#
21) 2-Butanone-d5	4.18	46	72489	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	4.65	84	78884	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.31	65	55664	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.35	84	158219	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.33	67	55911	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.04%
41) Toluene-d8	7.57	98	141506	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	24041	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.31	63	52700	105.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79134	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	58982	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%

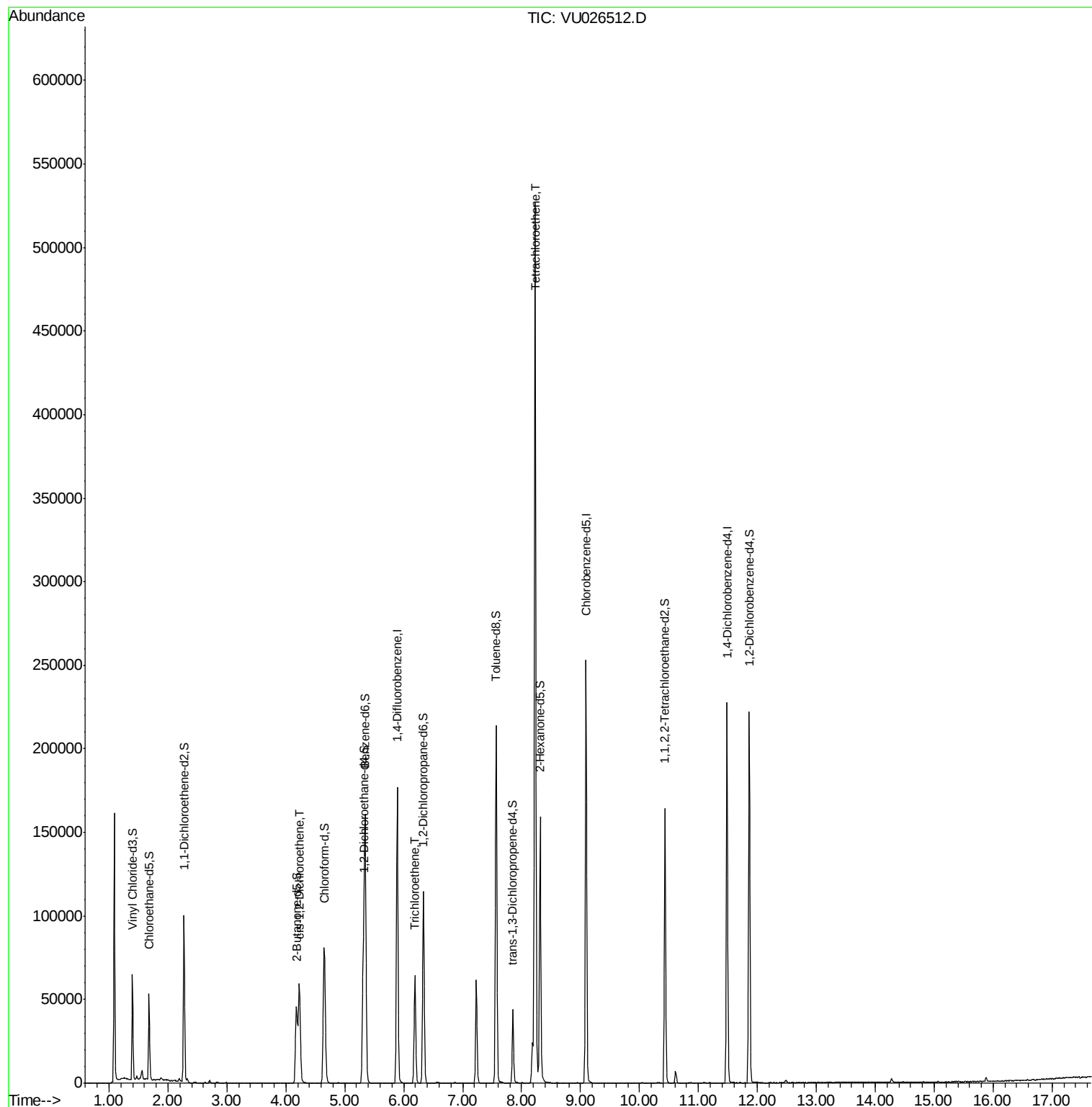
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	31954	30.12	ug/L	95
34) Trichloroethene	6.19	95	22274	22.60	ug/L	98
46) Tetrachloroethene	8.23	164	116108	144.08	ug/L	97

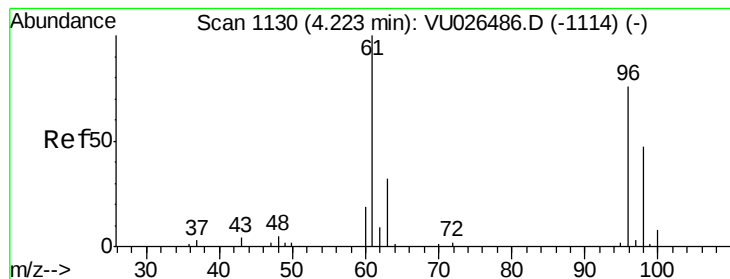
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 30.12 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026512.D

Acq: 31 Aug 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

BEE04

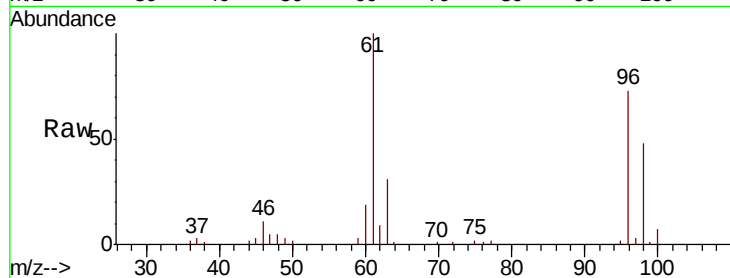
Tot Ion: 96 Resp: 31954

Ion Ratio Lower Upper

96 100

61 136.5 91.6 170.2

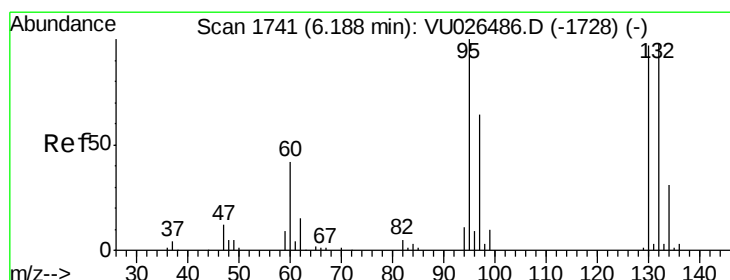
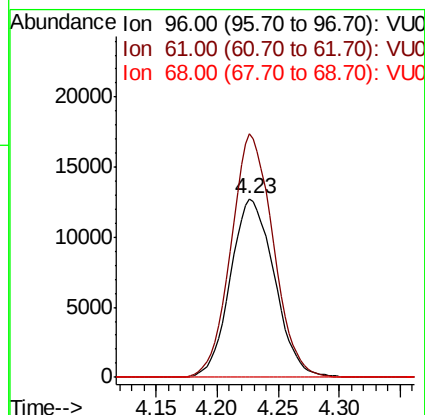
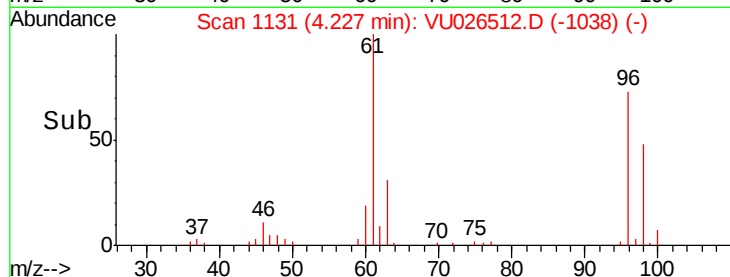
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026512.D (-1038) (-)

Ion 61.00 (60.70 to 61.70): VU026512.D (-1038) (-)

Ion 68.00 (67.70 to 68.70): VU026512.D (-1038) (-)



#34

Trichloroethene

Concen: 22.60 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026512.D

Acq: 31 Aug 2018 20:04

Tgt Ion: 95 Resp: 22274

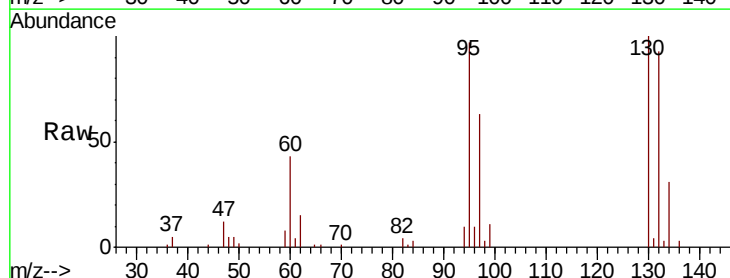
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.7

132 96.1 67.5 125.3

130 103.2 69.3 128.7

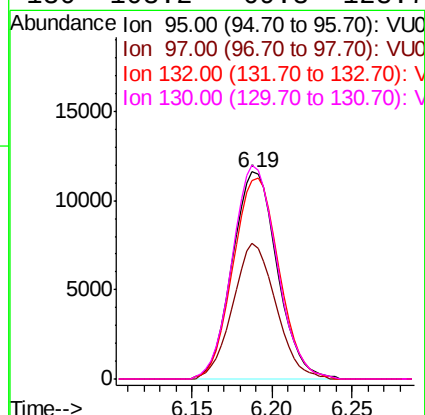
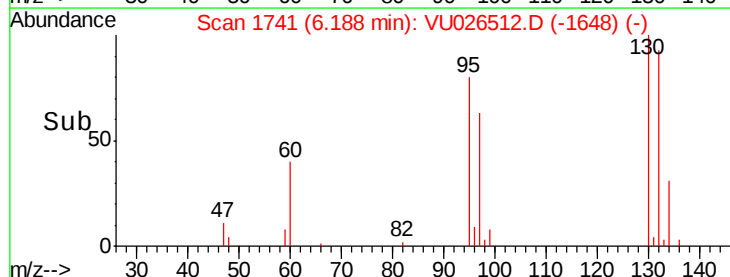


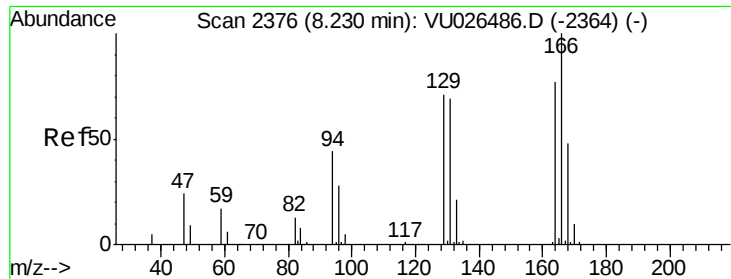
Abundance Ion 95.00 (94.70 to 95.70): VU026512.D (-1648) (-)

Ion 97.00 (96.70 to 97.70): VU026512.D (-1648) (-)

Ion 132.00 (131.70 to 132.70): VU026512.D (-1648) (-)

Ion 130.00 (129.70 to 130.70): VU026512.D (-1648) (-)





#46

Tetrachloroethene

Concen: 144.08 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026512.D

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ClientSampleId :

BEE04

Tot Ion:164 Resp: 116108

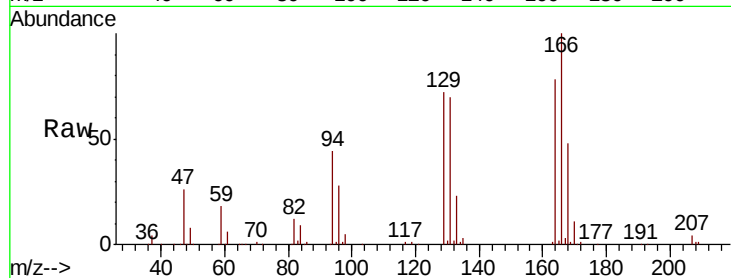
Ion Ratio Lower Upper

164 100

129 91.8 67.3 125.1

131 89.3 65.3 121.3

166 127.4 90.9 168.7



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

