

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\
 Data File : VU025523.D
 Acq On : 19 Jul 2018 15:43
 Operator : MD/SY
 Sample : J3984-13DL2 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL2

Quant Time: Jul 20 03:05:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55620	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.70%
7) Chloroethane-d5	1.69	69	52916	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.54%
11) 1,1-Dichloroethene-d2	2.28	63	100559	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	4.18	46	132088	84.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.47%
24) Chloroform-d	4.65	84	167161	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
26) 1,2-Dichloroethane-d4	5.31	65	117362	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.35	84	312781	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
36) 1,2-Dichloropropane-d6	6.33	67	106546	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.18%
41) Toluene-d8	7.57	98	286726	43.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.70%
43) trans-1,3-Dichloropropene-	7.85	79	49809	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.58%
47) 2-Hexanone-d5	8.31	63	96127	81.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151993	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	121399	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

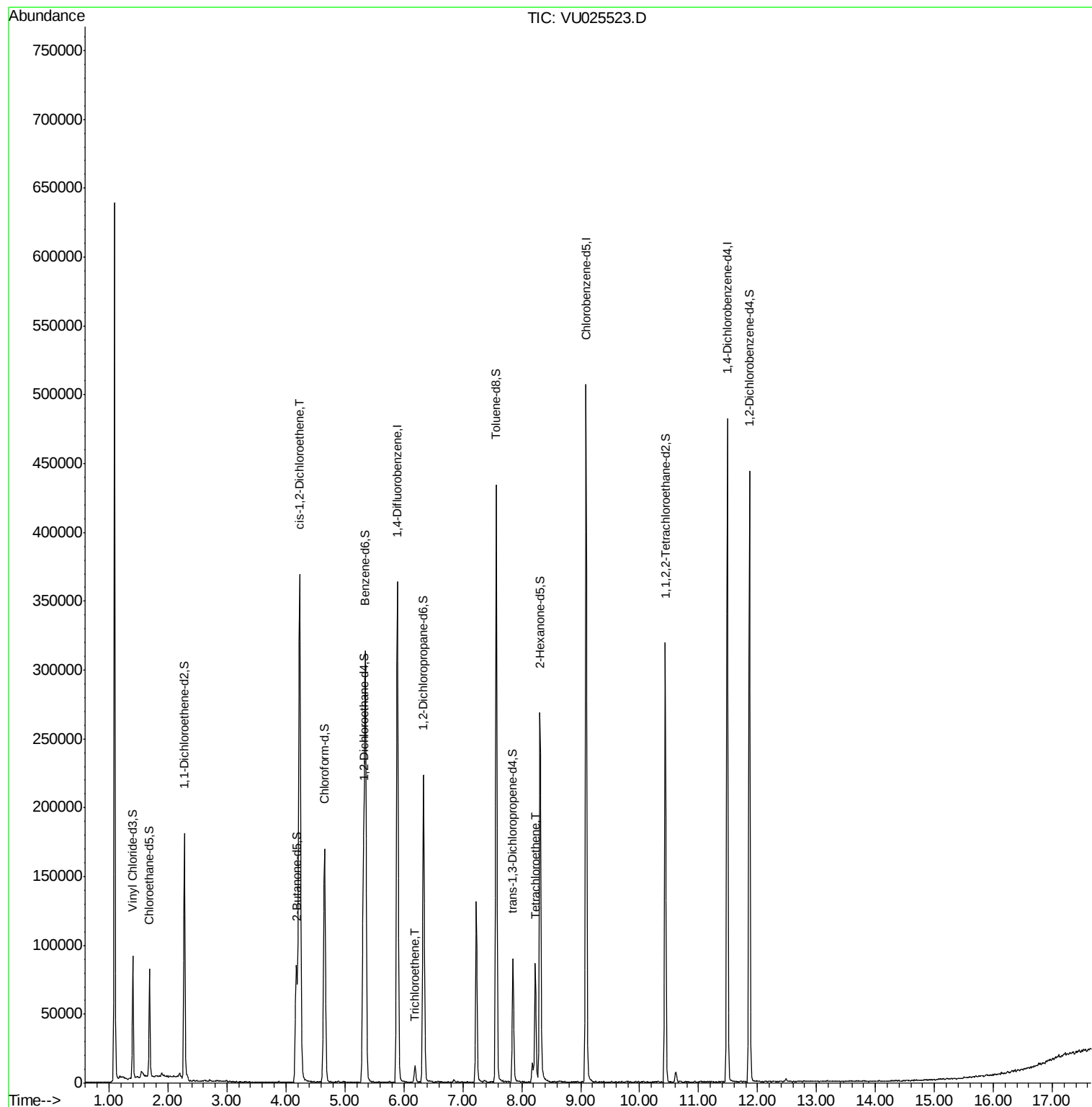
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	205306	83.94	ug/L	100
34) Trichloroethene	6.19	95	3966	1.79	ug/L	87
46) Tetrachloroethene	8.23	164	18056	9.78	ug/L	98

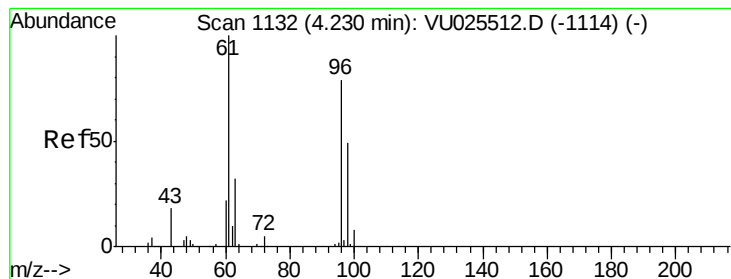
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 83.94 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025523.D

Acq: 19 Jul 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

DB189DL2

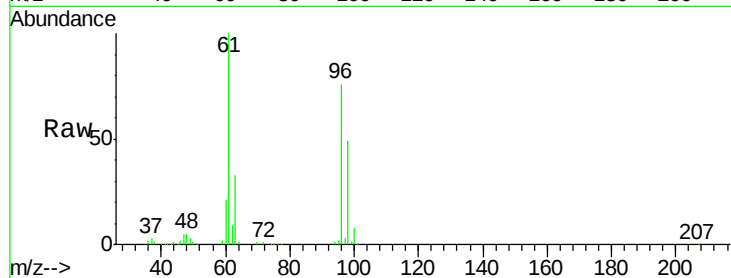
Tot Ion: 96 Resp: 205306

Ion Ratio Lower Upper

96 100

61 131.4 91.7 170.3

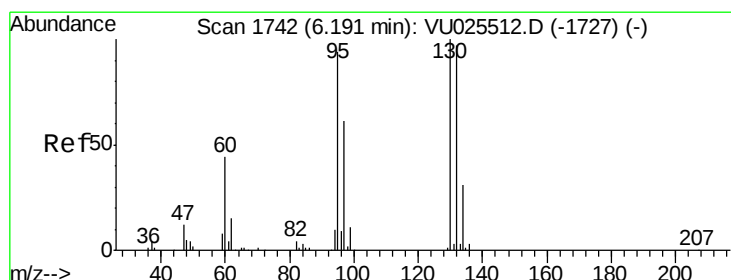
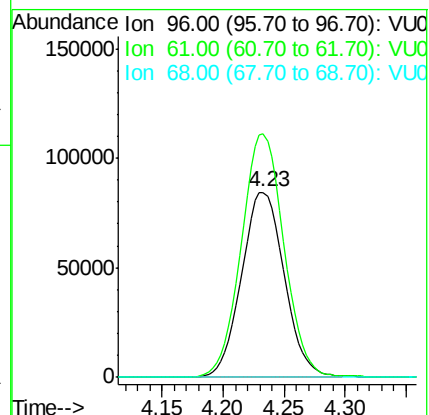
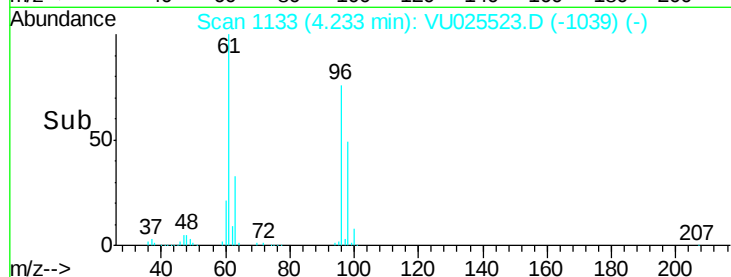
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025523.D (-1039) (-)

Ion 61.00 (60.70 to 61.70): VU025523.D (-1039) (-)

Ion 68.00 (67.70 to 68.70): VU025523.D (-1039) (-)



#34

Trichloroethene

Concen: 1.79 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025523.D

Acq: 19 Jul 2018 15:43

Tgt Ion: 95 Resp: 3966

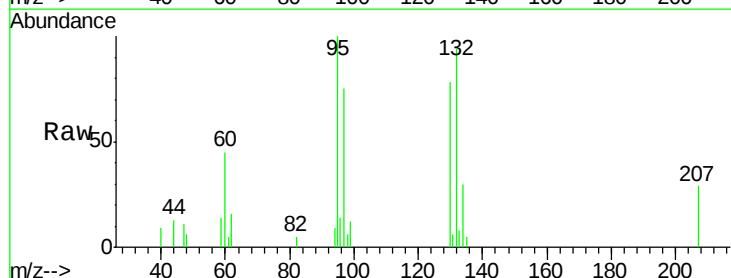
Ion Ratio Lower Upper

95 100

97 74.5 45.9 85.3

132 94.2 68.2 126.6

130 77.8 71.8 133.4

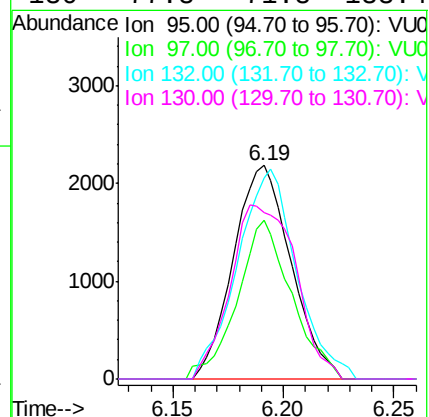
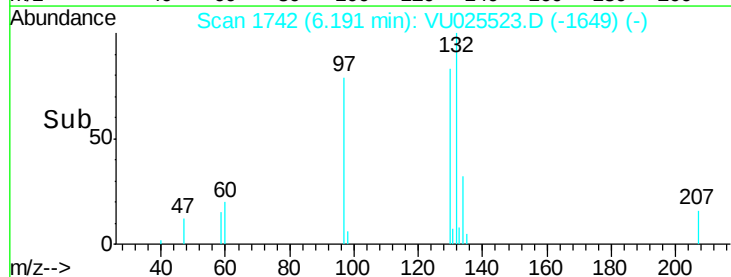


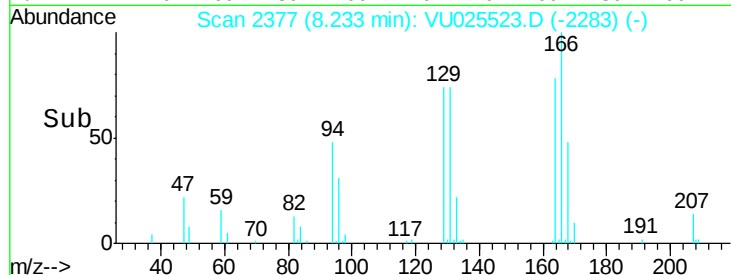
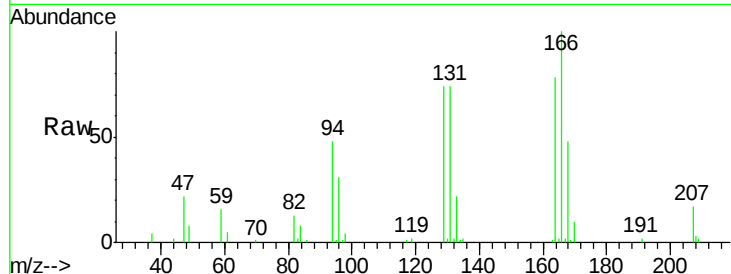
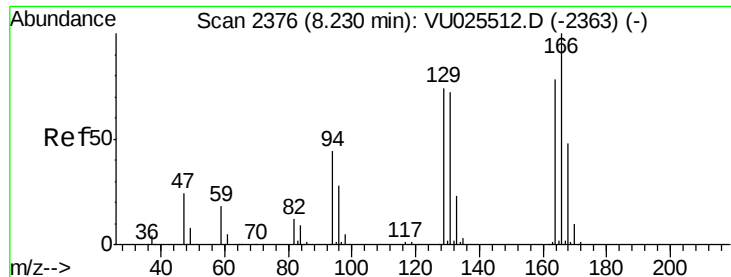
Abundance Ion 95.00 (94.70 to 95.70): VU025523.D (-1649) (-)

Ion 97.00 (96.70 to 97.70): VU025523.D (-1649) (-)

Ion 132.00 (131.70 to 132.70): VU025523.D (-1649) (-)

Ion 130.00 (129.70 to 130.70): VU025523.D (-1649) (-)





#46

Tetrachloroethene

Concen: 9.78 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

DB189DL2

Tot Ion:164 Resp: 18056

Ion Ratio Lower Upper

164 100

129 95.1 66.5 123.5

131 95.1 63.7 118.3

166 128.1 90.8 168.6

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

