

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072618\
 Data File : VU025649.D
 Acq On : 26 Jul 2018 14:37
 Operator : MD/SY
 Sample : J4148-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SW6

Quant Time: Jul 27 02:35:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	308717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	152893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76955	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.68	69	66355	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.28%
11) 1,1-Dichloroethene-d2	2.27	63	118596	32.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.64%
21) 2-Butanone-d5	4.18	46	137469	101.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.03%
24) Chloroform-d	4.65	84	174329	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.31	65	123989	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.35	84	341874	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.33	67	110892	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.57	98	317750	44.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.94%
43) trans-1,3-Dichloropropene-	7.85	79	53414	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.12%
47) 2-Hexanone-d5	8.31	63	96089	95.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	150930	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	138752	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%

Target Compounds

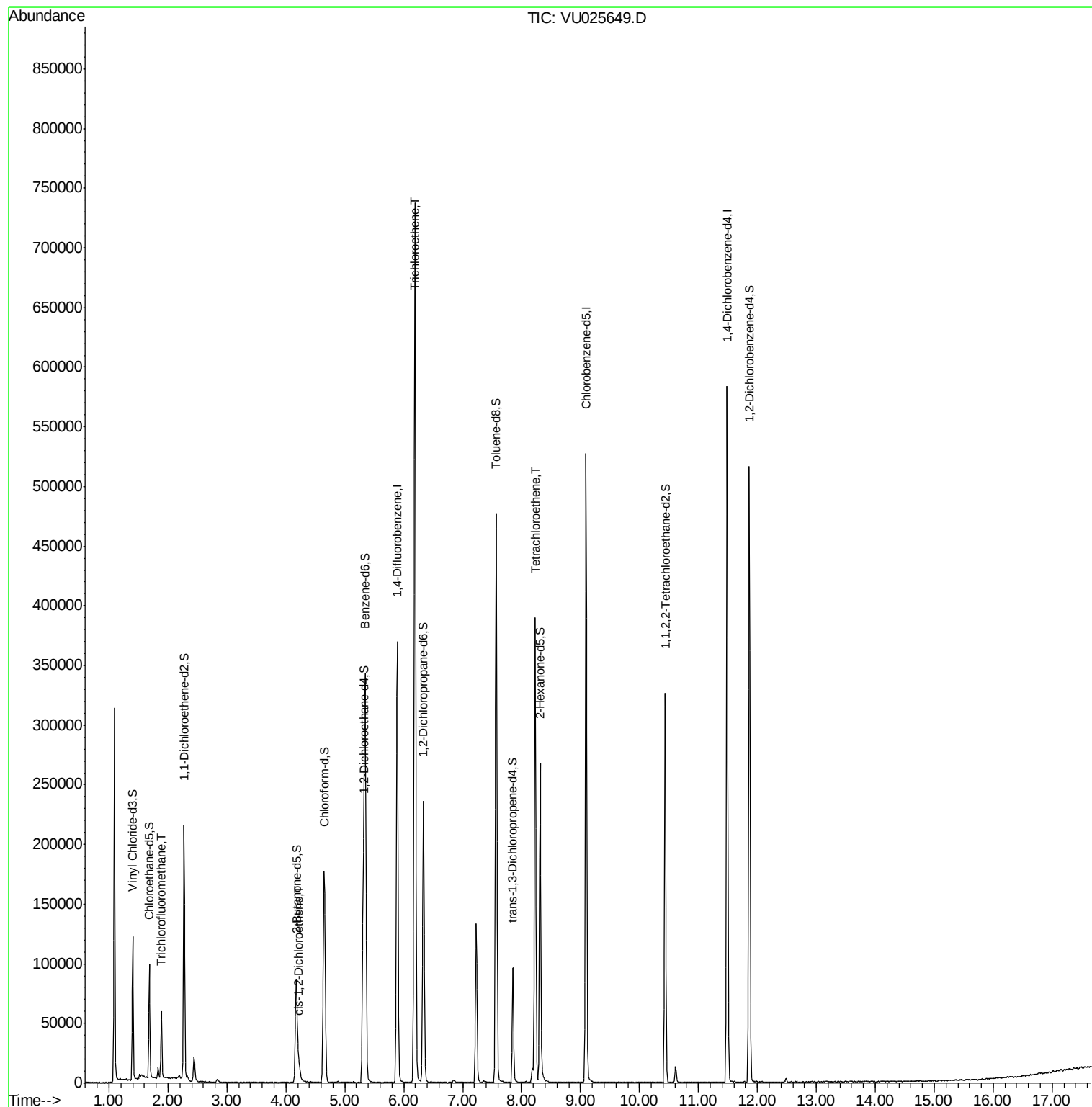
					Ovalue
9) Trichlorofluoromethane	1.89	101	32826	9.567 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	5368	2.371 ug/L	98
34) Trichloroethene	6.19	95	248856	112.365 ug/L	97
46) Tetrachloroethene	8.23	164	85936	44.758 ug/L	98

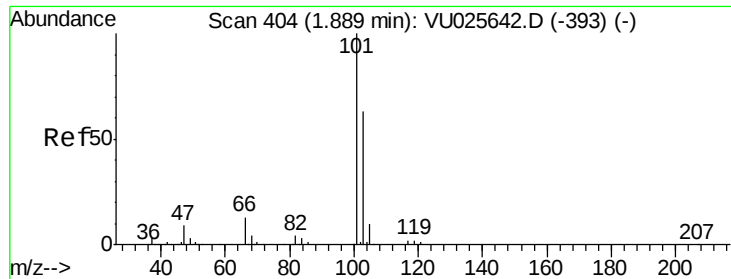
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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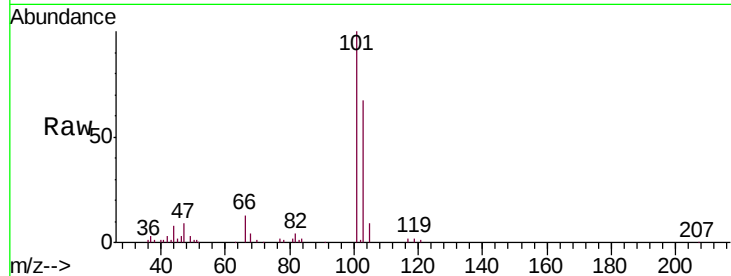


#9

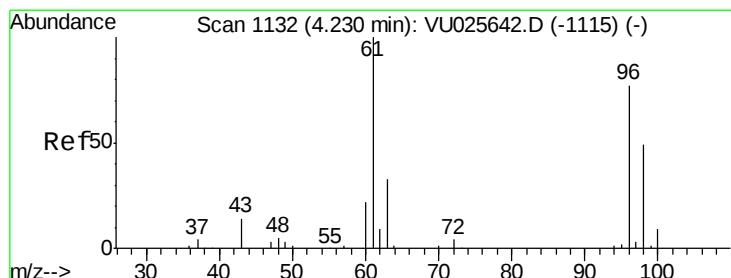
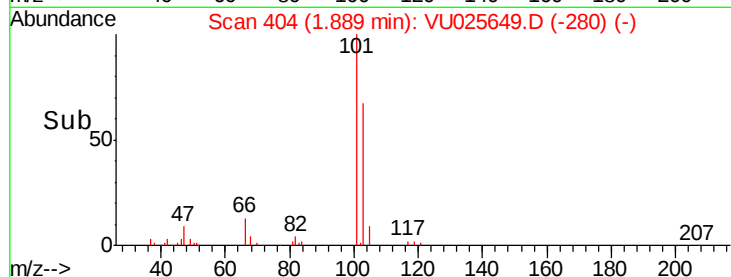
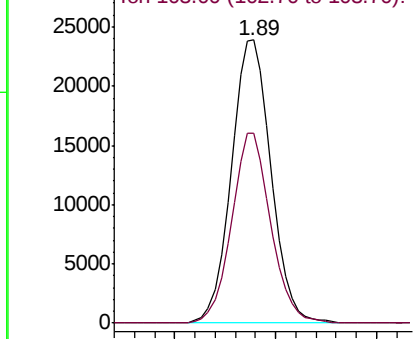
Trichlorofluoromethane
Concen: 9.567 ug/L
RT: 1.89 min Scan# 404
Delta R.T. -0.00 min
Lab File: VU025649.D
Acq: 26 Jul 2018 14:37

Instrument :
MSVOA_U
ClientSampleId :
C0SW6

Tot Ion:101 Resp: 32826
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0



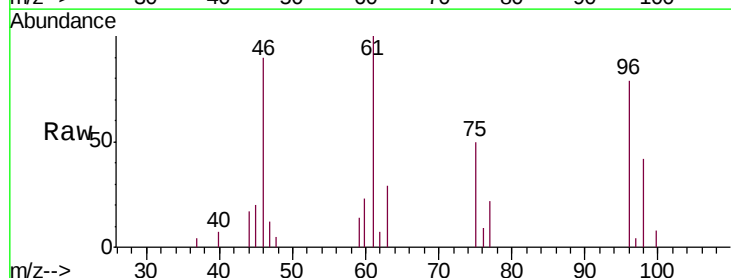
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



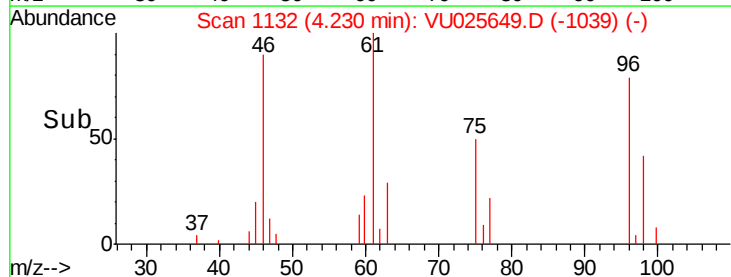
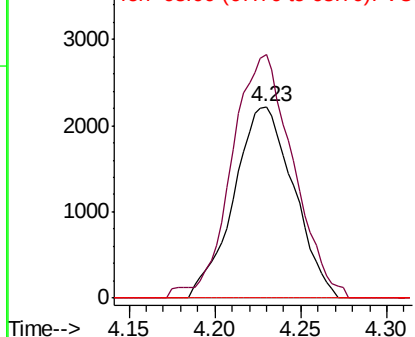
#20

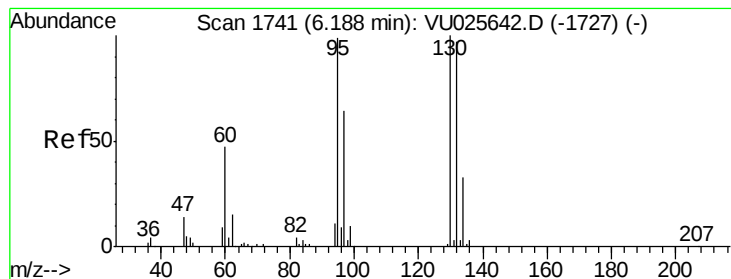
cis-1,2-Dichloroethene
Concen: 2.371 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025649.D
Acq: 26 Jul 2018 14:37

Tgt Ion: 96 Resp: 5368
Ion Ratio Lower Upper
96 100
61 127.3 87.4 162.2
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: 112.365 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025649.D

Acq: 26 Jul 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

C05W6

Tot Ion: 95 Resp: 248856

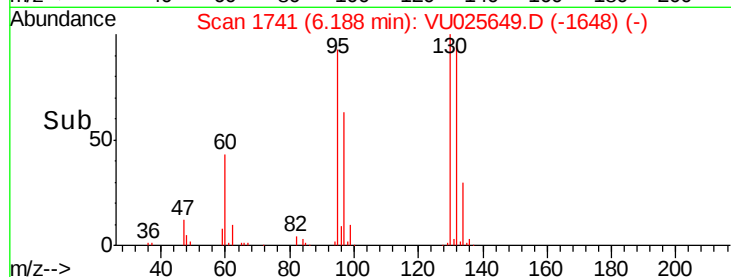
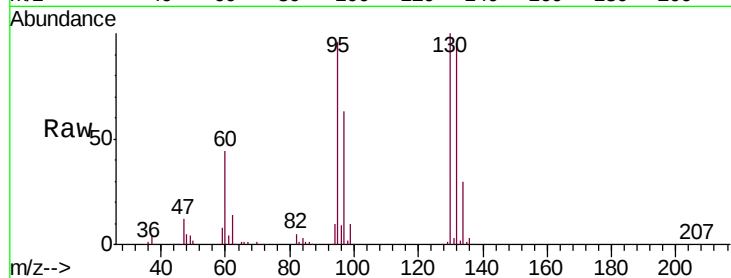
Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 99.1 72.2 134.2

130 104.1 74.9 139.1



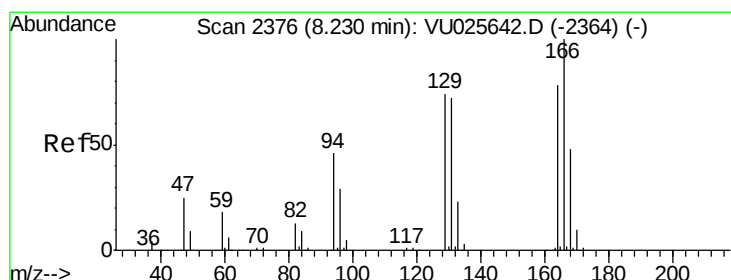
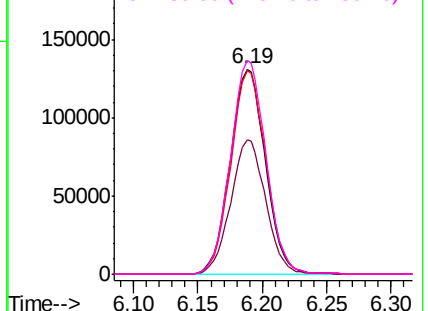
Abundance

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: 44.758 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025649.D

Acq: 26 Jul 2018 14:37

Tgt Ion:164 Resp: 85936

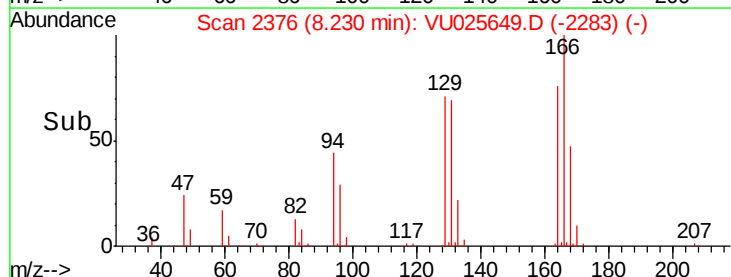
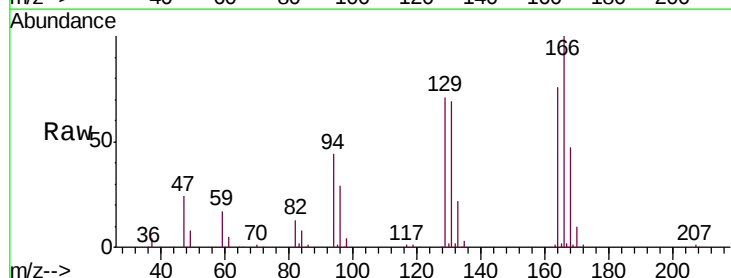
Ion Ratio Lower Upper

164 100

129 93.1 65.1 120.9

131 90.6 62.8 116.6

166 131.6 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

