

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025444.D
 Acq On : 16 Jul 2018 23:24
 Operator : MD/SY
 Sample : J3984-10DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB184DL

Quant Time: Jul 17 09:15:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71528	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.74%
7) Chloroethane-d5	1.67	69	67204	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.27	63	120813	30.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.54%
21) 2-Butanone-d5	4.18	46	172024	93.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.71%
24) Chloroform-d	4.65	84	186815	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	5.31	65	132648	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.34	84	355810	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	117304	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.36%
41) Toluene-d8	7.57	98	332041	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	51050	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.08%
47) 2-Hexanone-d5	8.31	63	130170	97.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.11%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172008	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	132872	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

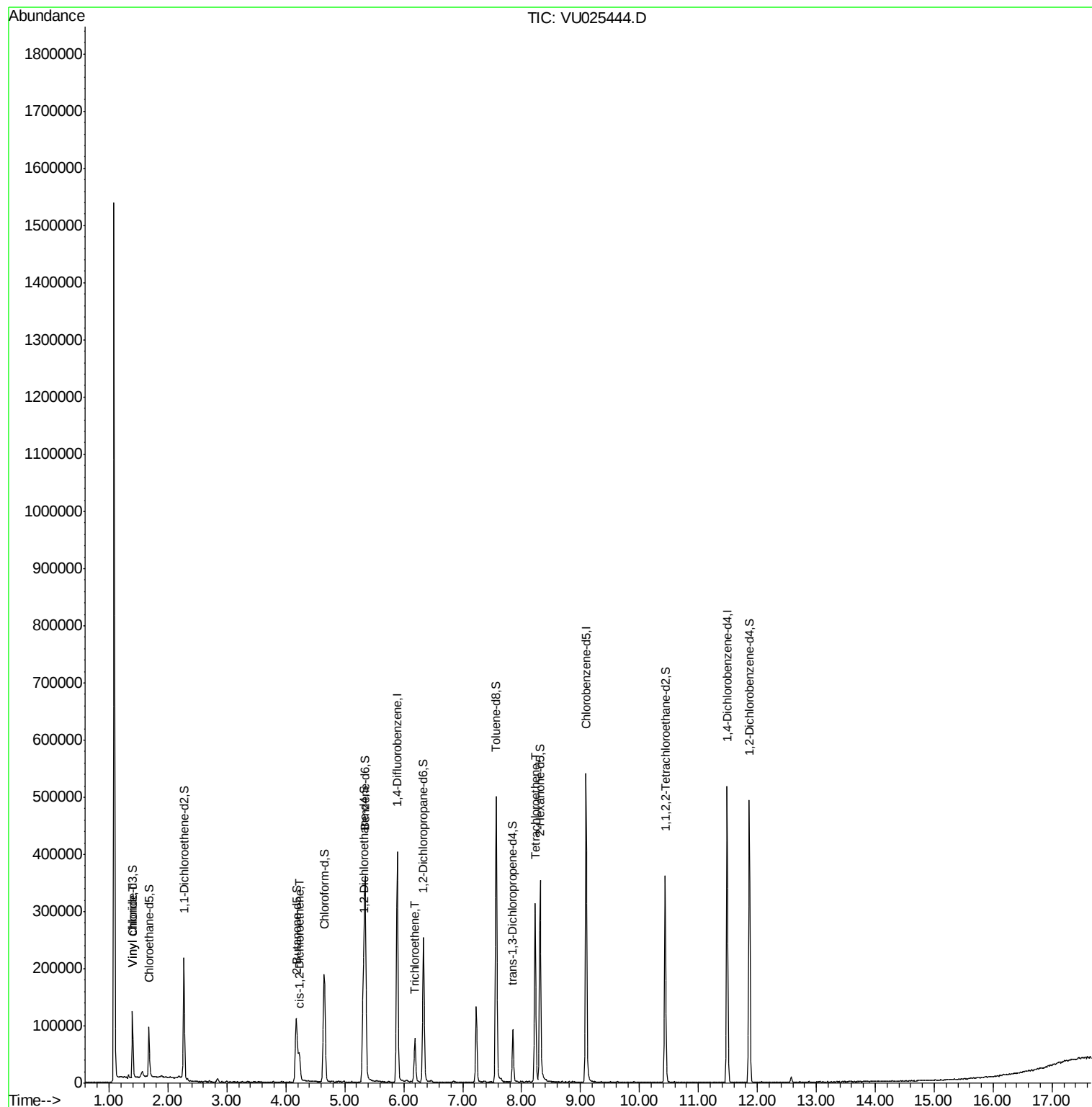
					Ovalue
5) Vinyl chloride	1.40	62	9052	3.51 ug/L	# 82
20) cis-1,2-Dichloroethene	4.23	96	23521	9.07 ug/L	90
34) Trichloroethene	6.19	95	26593	11.04 ug/L	94
46) Tetrachloroethene	8.23	164	69670	34.90 ug/L	98

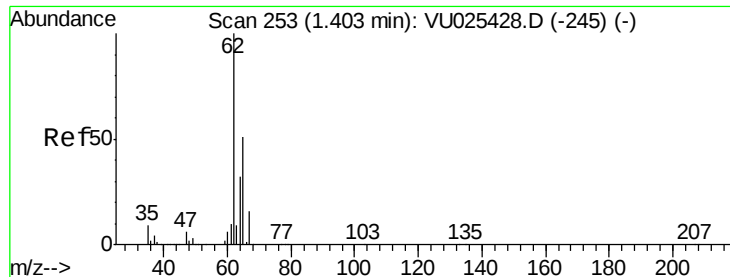
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.51 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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Acq: 16 Jul 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

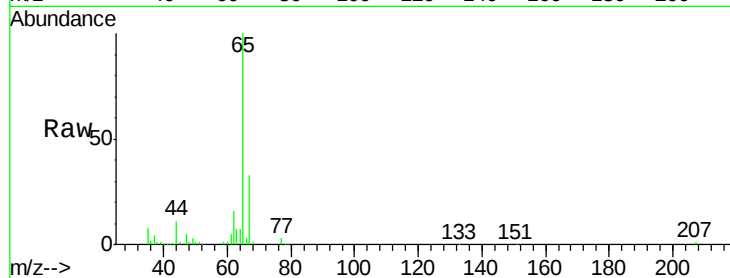
DB184DL

Tot Ion: 62 Resp: 9052

Ion Ratio Lower Upper

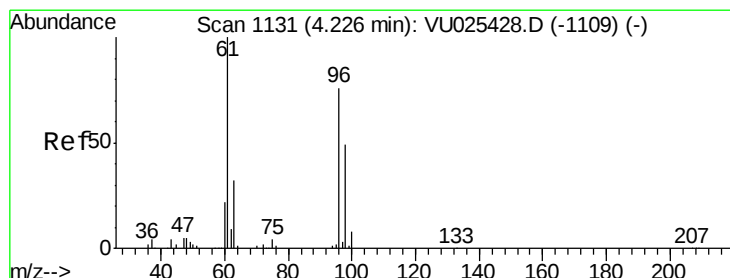
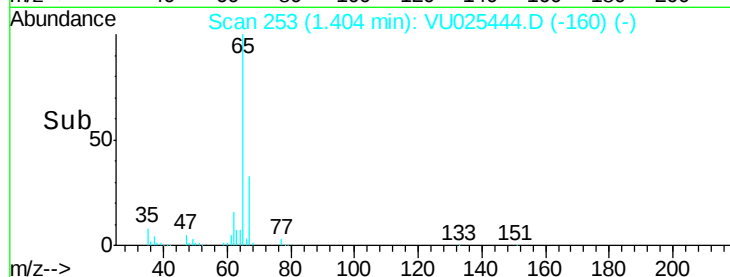
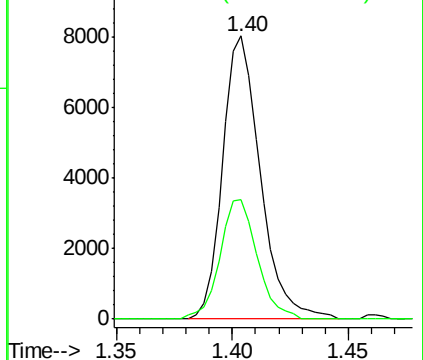
62 100

64 42.3 22.6 42.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 9.07 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025444.D

Acq: 16 Jul 2018 23:24

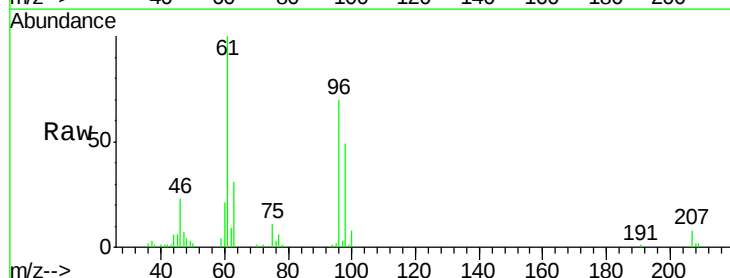
Tgt Ion: 96 Resp: 23521

Ion Ratio Lower Upper

96 100

61 143.2 92.0 170.9

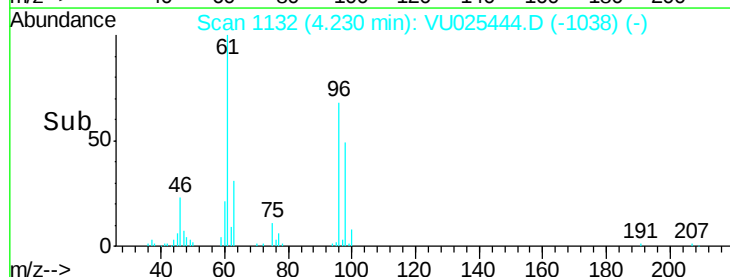
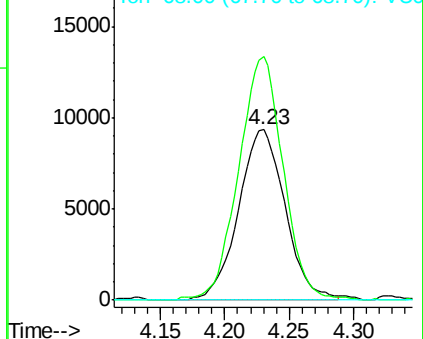
68 0.0 0.0 0.0

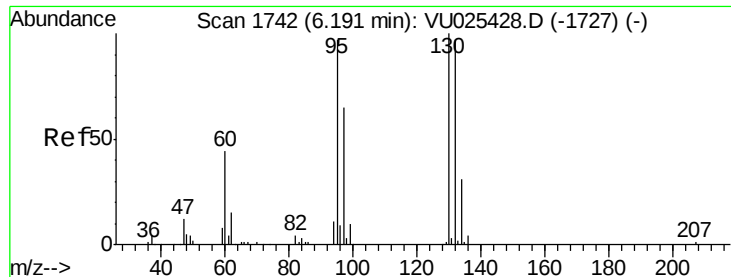


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

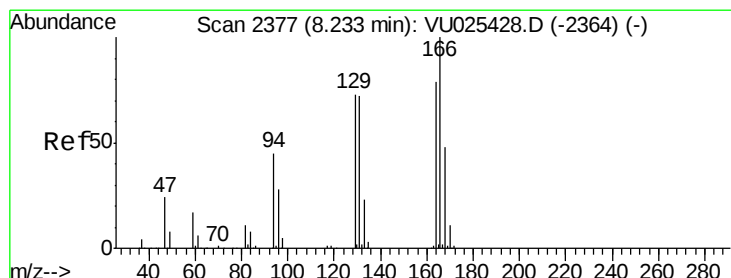
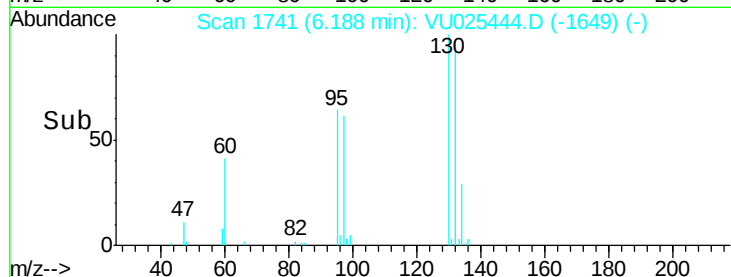
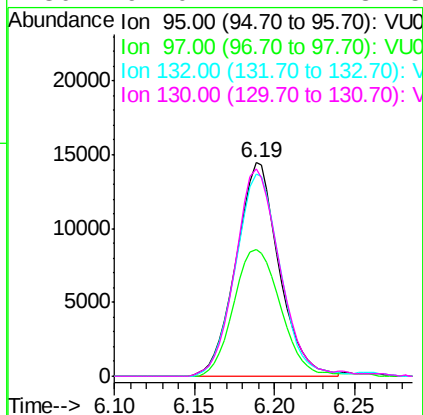
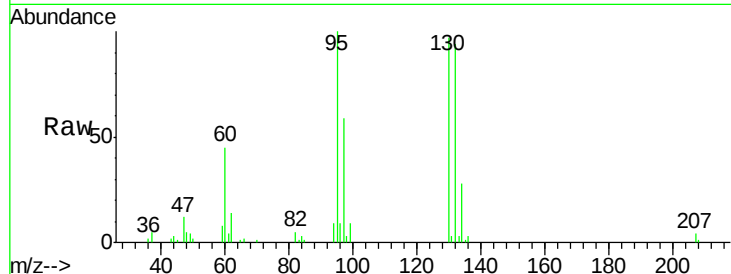




#34
 Trichloroethene
 Concen: 11.04 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025444.D
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Tot Ion:	95	Resp:	26593
Ion	Ratio	Lower	Upper
95	100		
97	59.2	44.3	82.3
132	94.4	69.6	129.2
130	97.0	72.4	134.5



#46
 Tetrachloroethene
 Concen: 34.90 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025444.D
 Acq: 16 Jul 2018 23:24

Tgt Ion:	164	Resp:	69670
Ion	Ratio	Lower	Upper
164	100		
129	95.1	64.7	120.1
131	92.6	63.1	117.3
166	130.5	89.7	166.5

