

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029989.D
 Acq On : 12 Mar 2019 00:34
 Operator : JC/SP
 Sample : K1763-01 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0956

Quant Time: Mar 12 08:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 07:07:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	529606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179195	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.30%
7) Chloroethane-d5	1.68	69	147022	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.98%
11) 1,1-Dichloroethene-d2	2.27	63	244719	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	4.17	46	268708	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.65	84	309737	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.31	65	187121	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
32) Benzene-d6	5.34	84	682179	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
36) 1,2-Dichloropropane-d6	6.33	67	205734	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.56	98	623897	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%
43) trans-1,3-Dichloropropene-	7.85	79	94133	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.76%
47) 2-Hexanone-d5	8.31	63	221777	100.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301362	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	250069	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

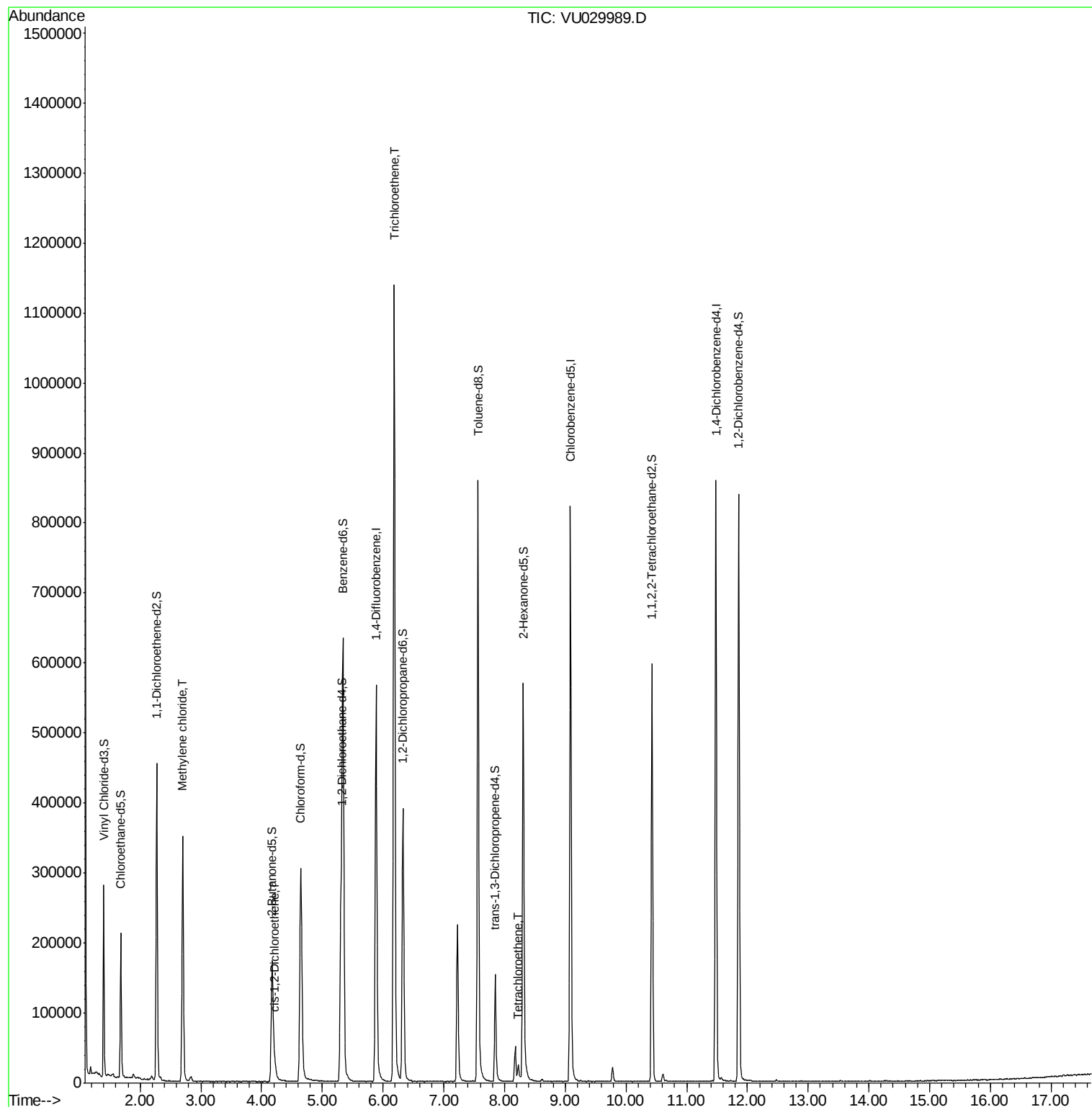
					Qvalue
16) Methylene chloride	2.70	84	167310	42.685 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	7026	1.707 ug/L	96
34) Trichloroethene	6.18	95	410078	109.466 ug/L	99
46) Tetrachloroethene	8.23	164	5325	1.624 ug/L	93

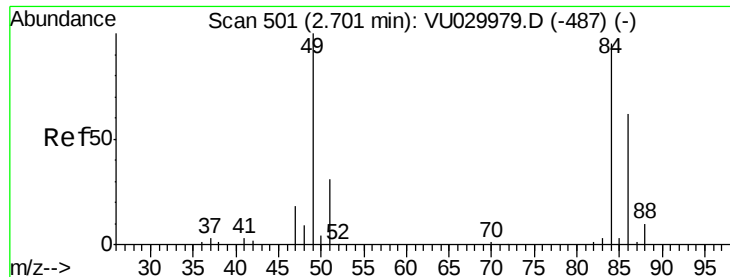
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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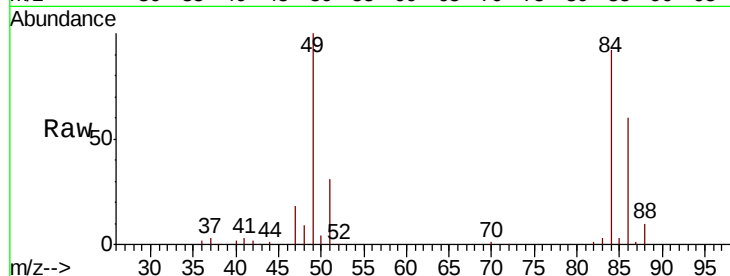




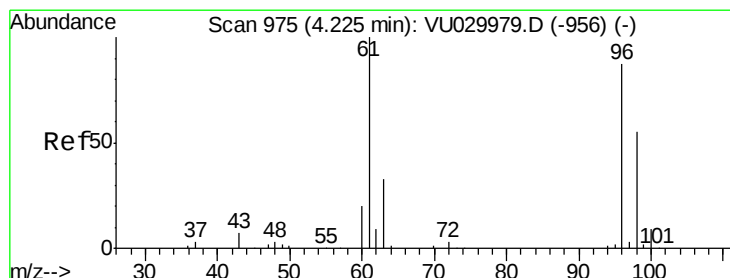
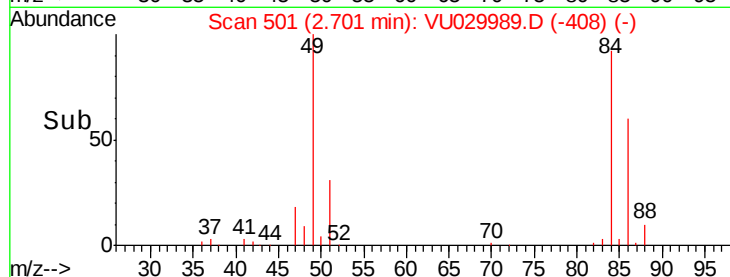
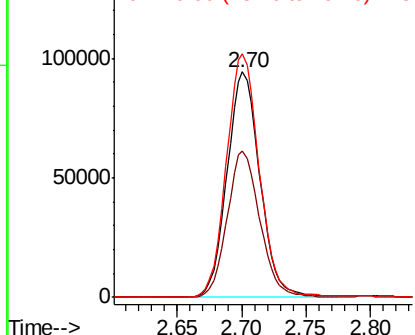
#16
Methylene chloride
Concen: 42.685 ug/L
RT: 2.70 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

Instrument :
MSVOA_U
ClientSampled :
C0956

Tgt Ion: 84 Resp: 167310
Ion Ratio Lower Upper
84 100
86 64.9 45.2 84.0
49 108.1 73.6 136.6

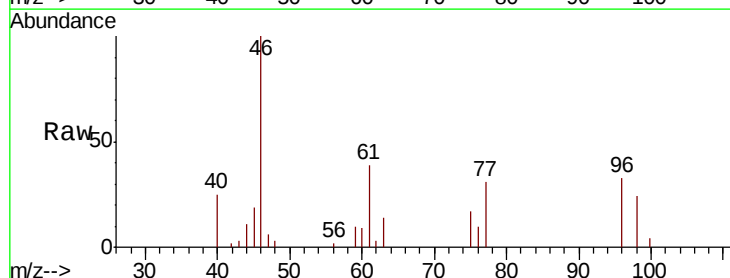


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

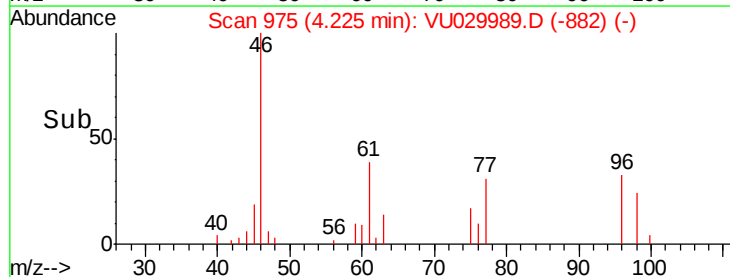
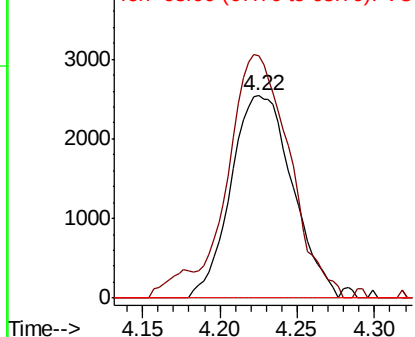


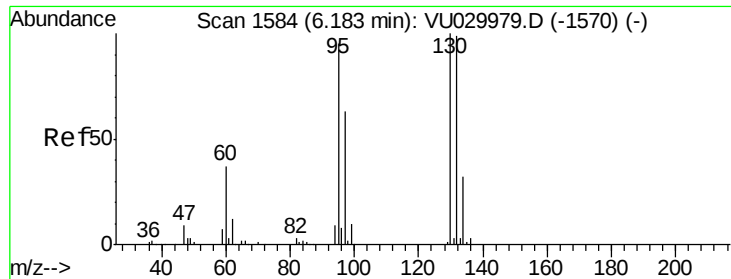
#20
cis-1,2-Dichloroethene
Concen: 1.707 ug/L
RT: 4.22 min Scan# 975
Delta R.T. -0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

Tgt Ion: 96 Resp: 7026
Ion Ratio Lower Upper
96 100
61 119.9 80.8 150.2
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

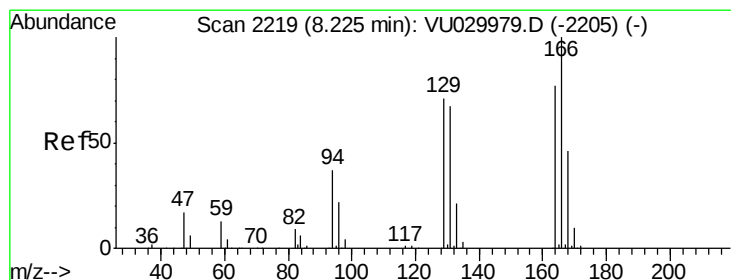
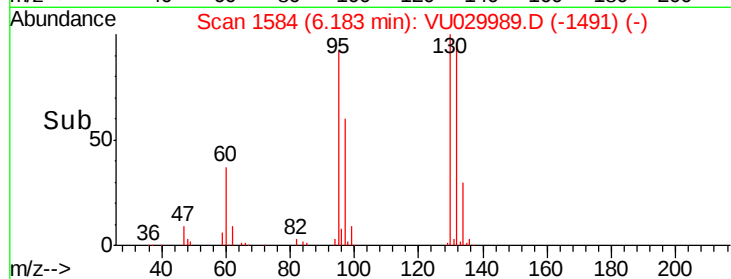
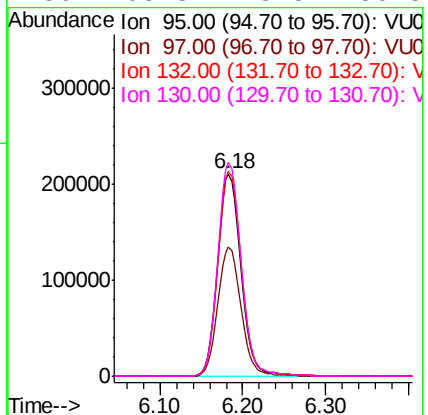
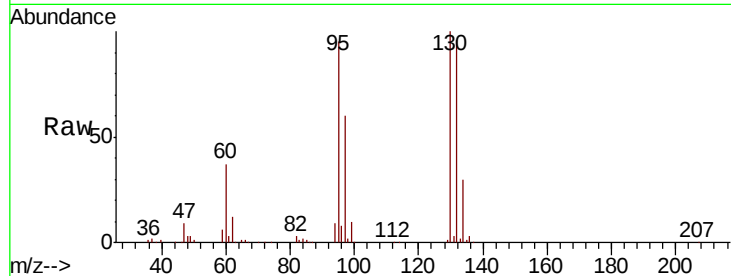




#34
 Trichloroethene
 Concen: 109.466 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU029989.D
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Tgt Ion: 95 Resp: 410078
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.5 84.5
 132 100.9 71.5 132.7
 130 105.3 73.5 136.5



#46
 Tetrachloroethene
 Concen: 1.624 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU029989.D
 Acq: 12 Mar 2019 00:34

Tgt Ion: 164 Resp: 5325
 Ion Ratio Lower Upper
 164 100
 129 88.3 63.3 117.7
 131 88.4 62.0 115.2
 166 112.7 90.5 168.1

