

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026445.D
 Acq On : 30 Aug 2018 14:37
 Operator : MD/SY
 Sample : J4691-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153661	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44981	47.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.50%
7) Chloroethane-d5	1.68	69	39713	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.38%
11) 1,1-Dichloroethene-d2	2.27	63	63036	29.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.80%#
21) 2-Butanone-d5	4.18	46	65141	88.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.16%
24) Chloroform-d	4.65	84	77580	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.31	65	53304	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
32) Benzene-d6	5.35	84	158868	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.33	67	53835	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.30%
41) Toluene-d8	7.57	98	145311	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	7.85	79	23392	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.78%
47) 2-Hexanone-d5	8.31	63	48364	91.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74336	43.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	57895	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

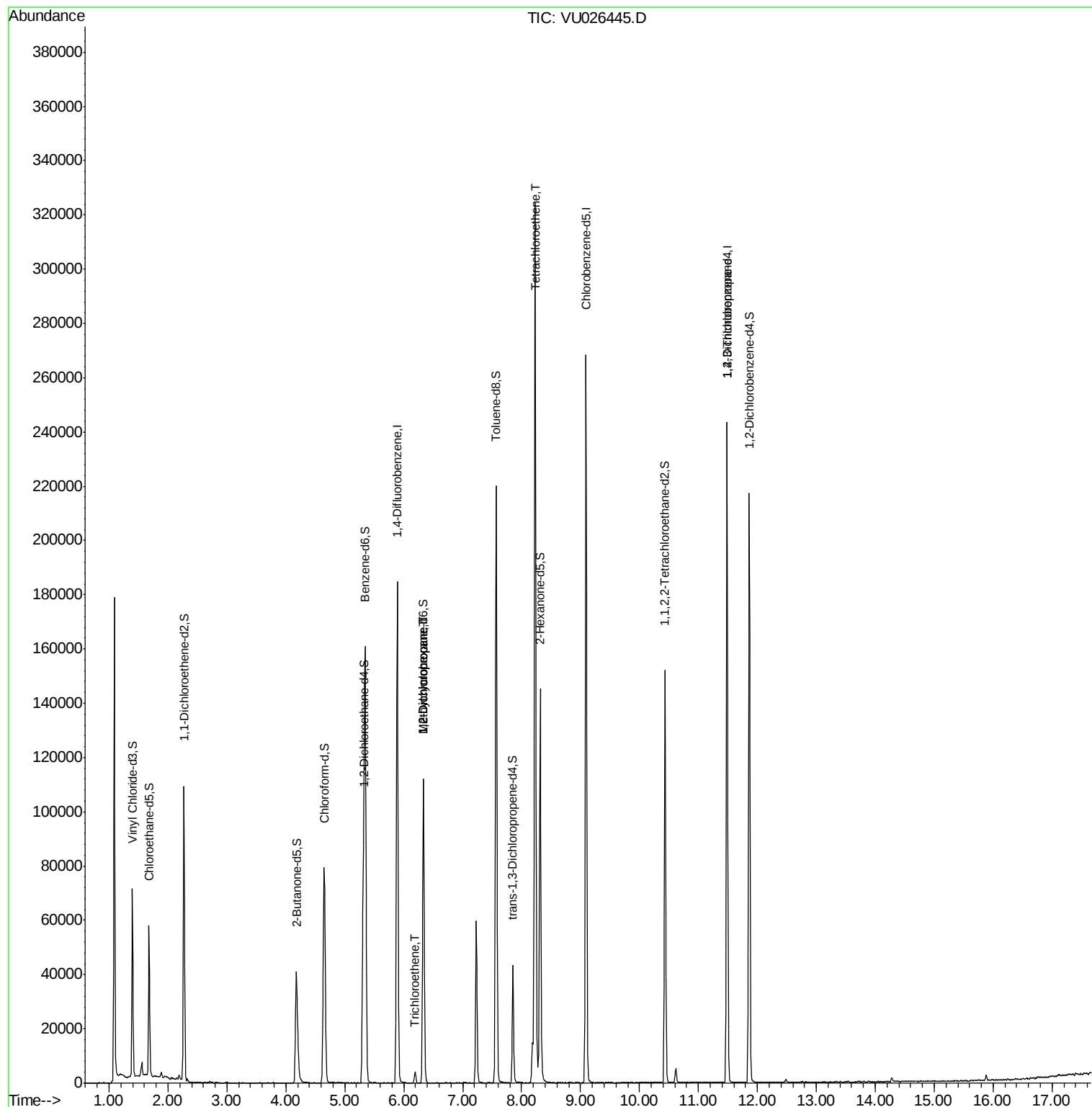
					Ovalue
34) Trichloroethene	6.19	95	1605	1.531 ug/L	96
35) Methylcyclohexane	6.33	83	11960	7.308 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5588	4.831 ug/L #	88
46) Tetrachloroethene	8.23	164	71182	83.066 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	7539	5.223 ug/L	89

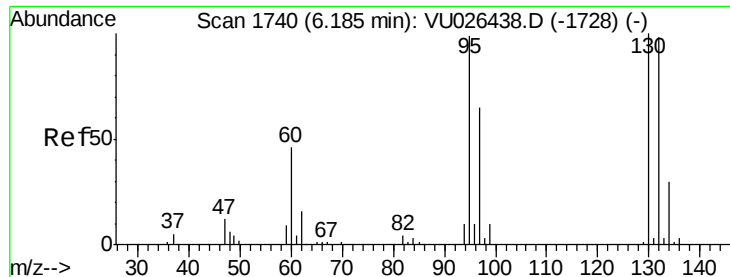
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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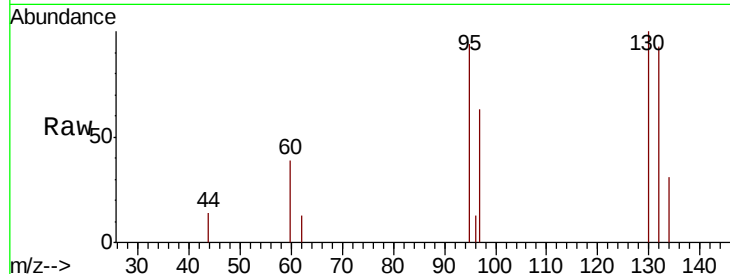




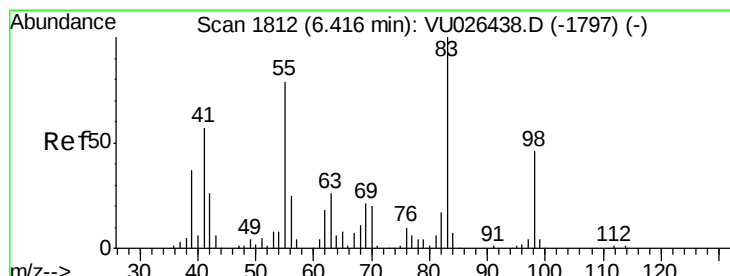
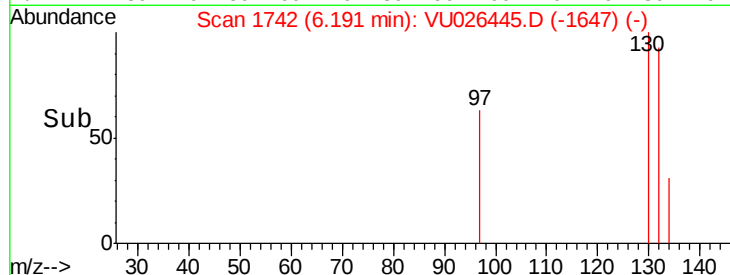
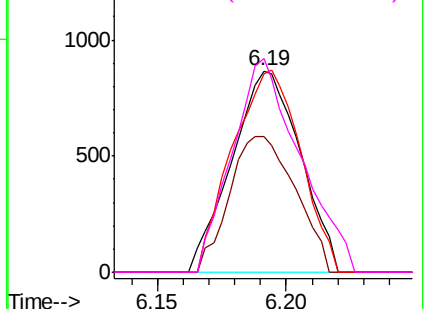
#34
 Trichloroethene
 Concen: 1.531 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VU026445.D
 Acq: 30 Aug 2018 14:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 1605
 Ion Ratio Lower Upper
 95 100
 97 67.3 45.1 83.7
 132 98.4 67.5 125.3
 130 106.2 69.3 128.7

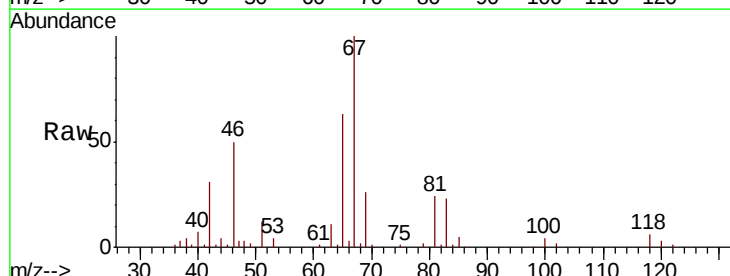


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

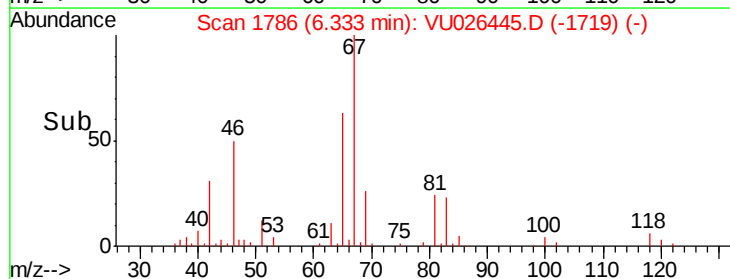
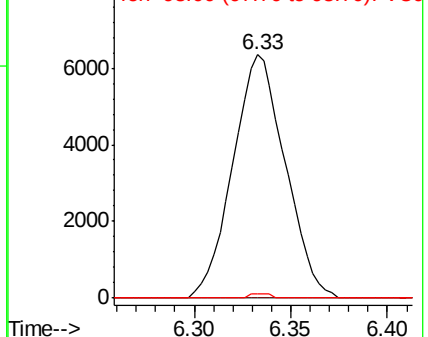


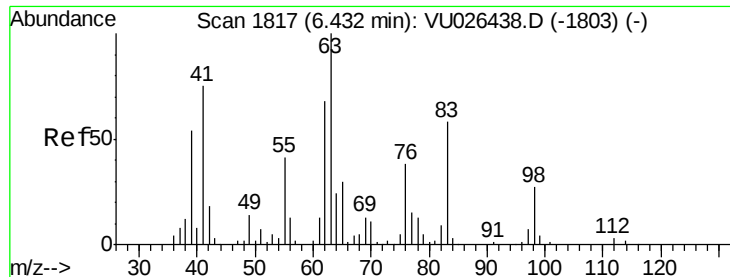
#35
 Methylcyclohexane
 Concen: 7.308 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.08 min
 Lab File: VU026445.D
 Acq: 30 Aug 2018 14:37

Tgt Ion: 83 Resp: 11960
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.3 94.9#
 98 0.3 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

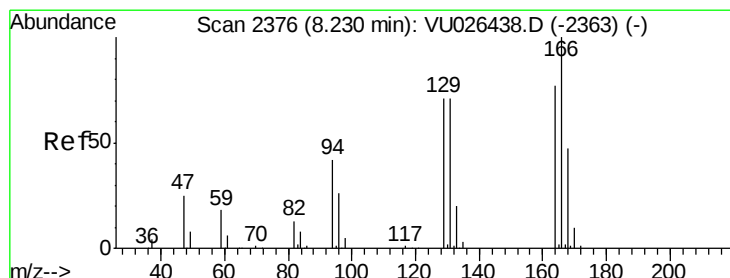
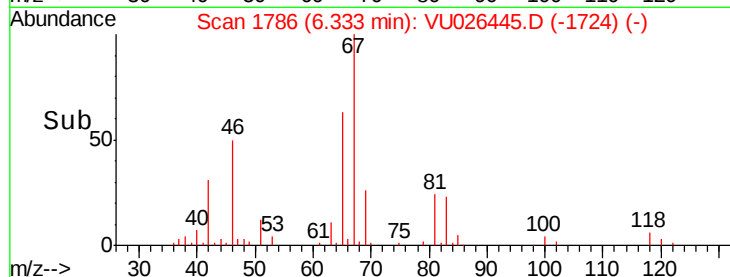
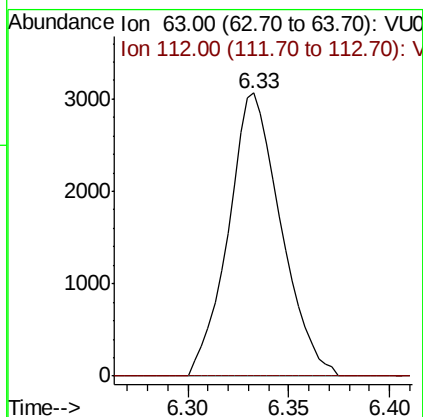
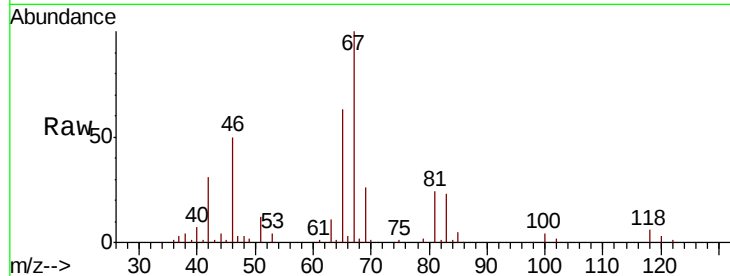




#37
 1,2-Dichloropropane
 Concen: 4.831 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026445.D
 Acq: 30 Aug 2018 14:37

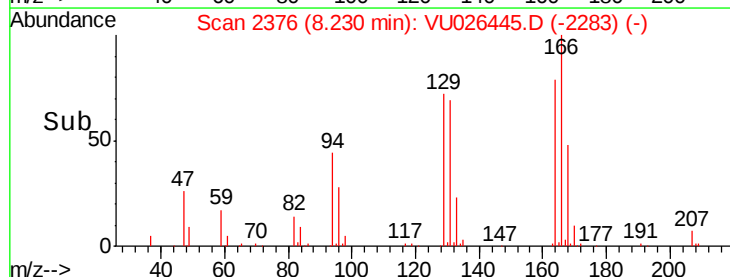
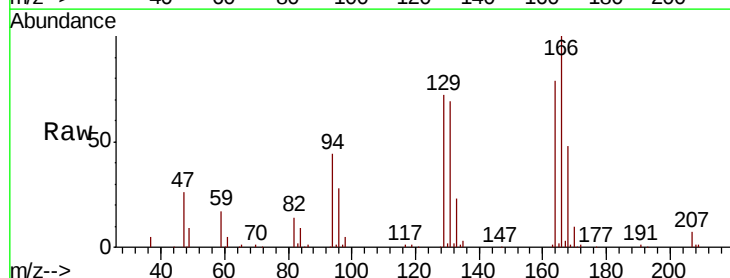
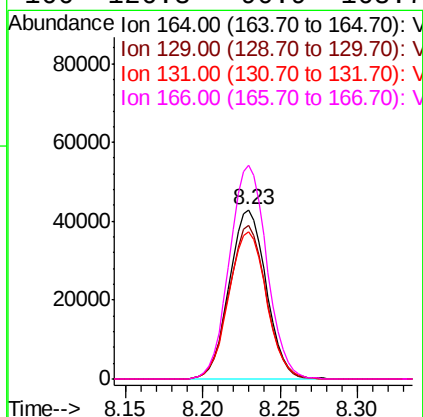
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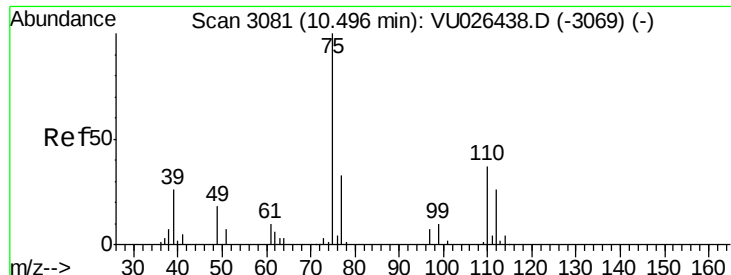
Tot Ion: 63 Resp: 5588
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 83.066 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026445.D
 Acq: 30 Aug 2018 14:37

Tgt Ion:164 Resp: 71182
 Ion Ratio Lower Upper
 164 100
 129 91.0 67.3 125.1
 131 87.3 65.3 121.3
 166 126.3 90.9 168.7





#59

1,2,3-Trichloropropane

Concen: 5.223 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026445.D

Acq: 30 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7539

Ion Ratio Lower Upper

75 100

77 37.2 25.0 37.6

