

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026361.D
 Acq On : 25 Aug 2018 11:24
 Operator : MD/SY
 Sample : J4622-08DL2 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBK0DL2

Quant Time: Aug 27 01:31:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329481	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106521	53.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.02%
7) Chloroethane-d5	1.68	69	86181	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.18%
11) 1,1-Dichloroethene-d2	2.27	63	159269	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.64%
21) 2-Butanone-d5	4.17	46	152333	94.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	4.65	84	208515	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.31	65	143031	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.35	84	430352	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.33	67	136293	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.57	98	390352	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%
43) trans-1,3-Dichloropropene-	7.85	79	65030	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
47) 2-Hexanone-d5	8.31	63	114496	94.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	186248	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	163514	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%

Target Compounds

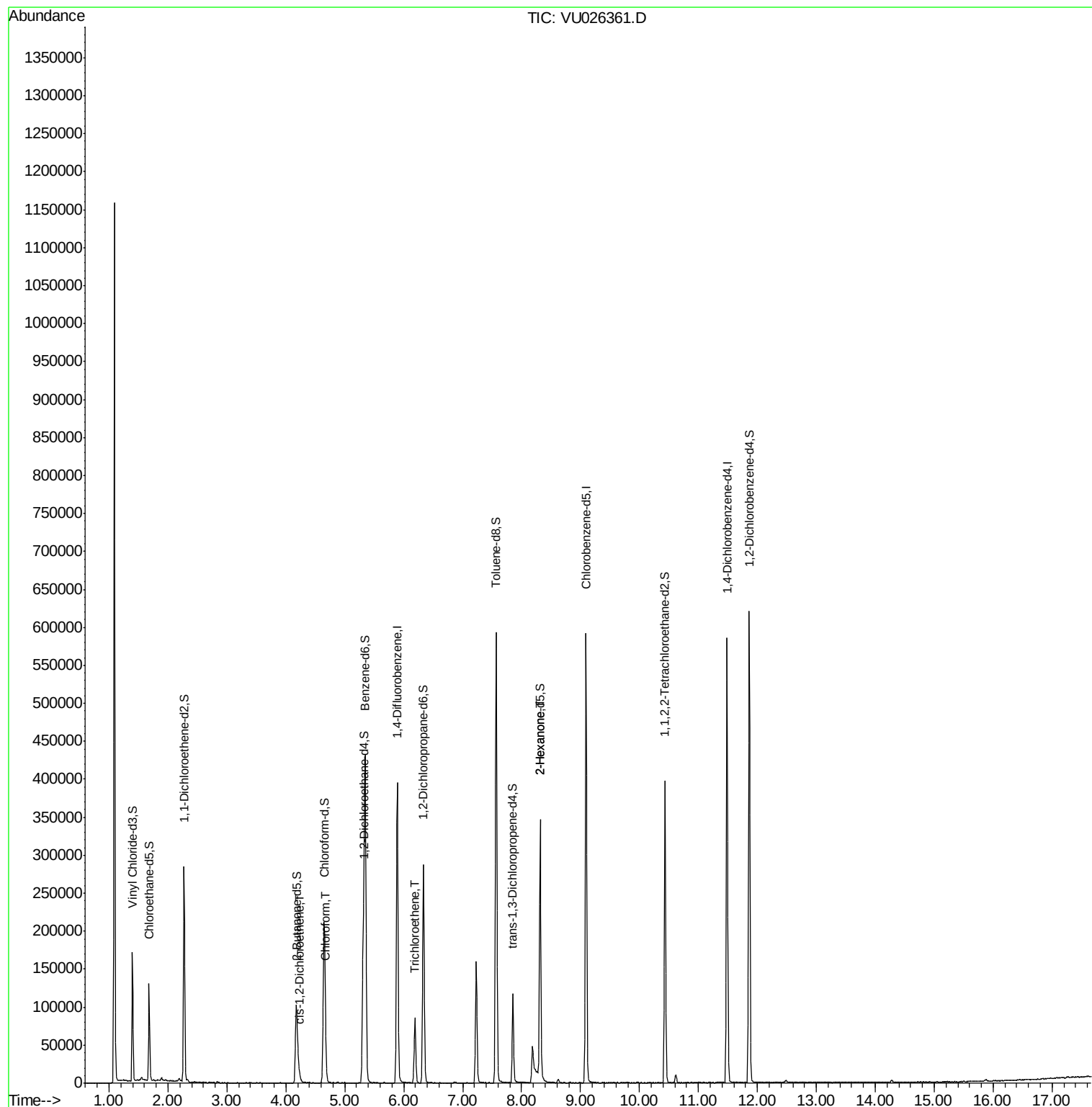
						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	4006	1.70	ug/L	93
25) Chloroform	4.68	83	11725	2.82	ug/L	96
34) Trichloroethene	6.19	95	28379	11.98	ug/L	98
48) 2-Hexanone	8.31	43	13692	5.48	ug/L #	69

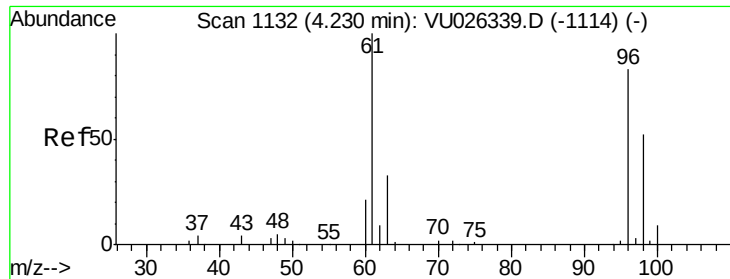
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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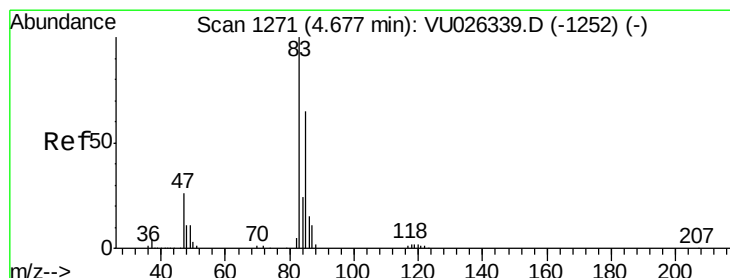
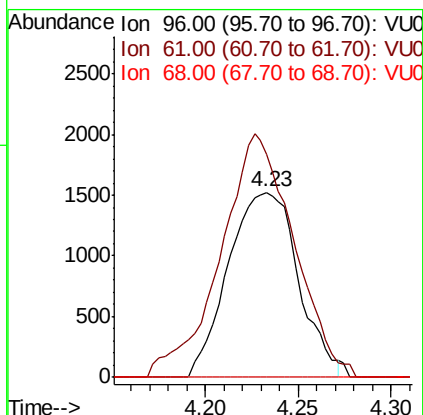
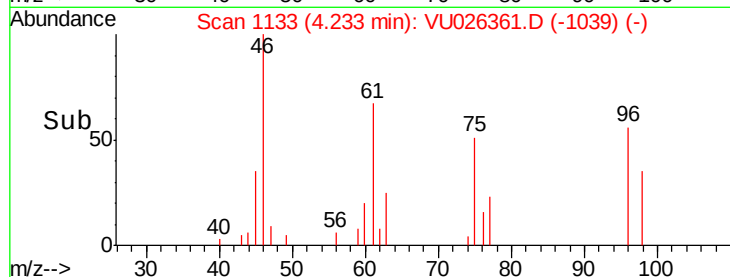
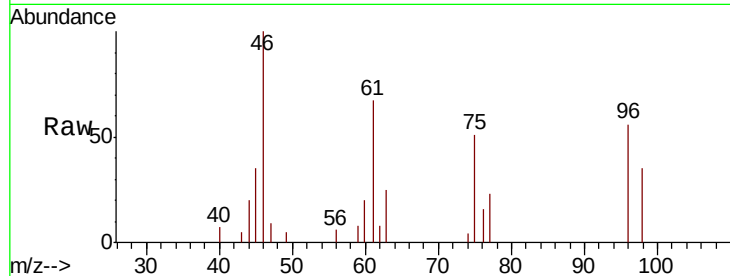




#20
 cis-1,2-Dichloroethene
 Concen: 1.70 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU026361.D
 Acq: 25 Aug 2018 11:24

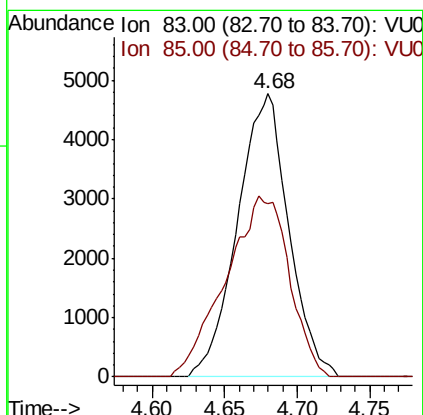
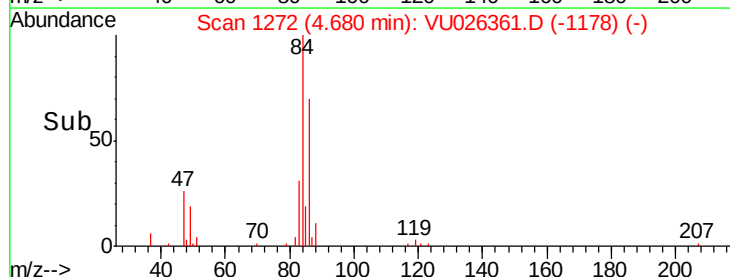
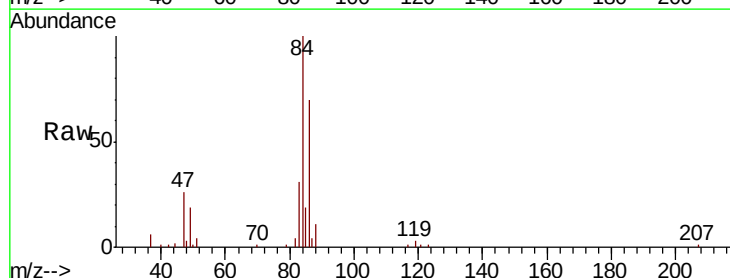
Instrument :
 MSVOA_U
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 ETBK0DL2

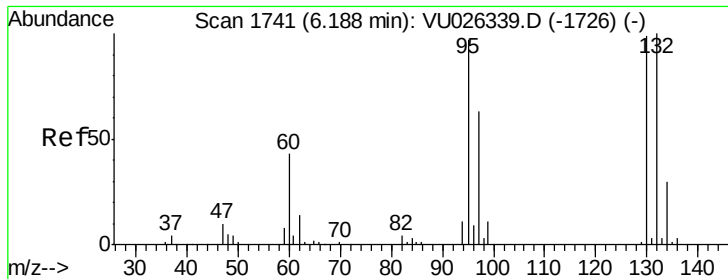
Tot Ion: 96 Resp: 4006
 Ion Ratio Lower Upper
 96 100
 61 120.7 90.3 167.7
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.82 ug/L
 RT: 4.68 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VU026361.D
 Acq: 25 Aug 2018 11:24

Tgt Ion: 83 Resp: 11725
 Ion Ratio Lower Upper
 83 100
 85 61.2 45.0 83.6

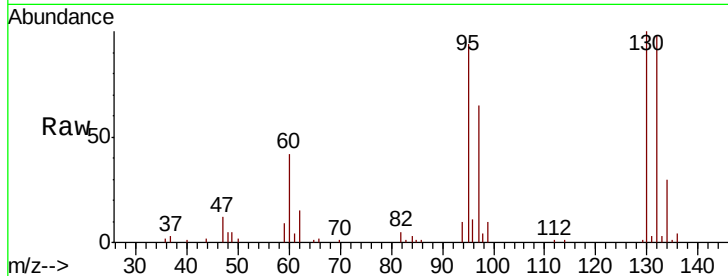




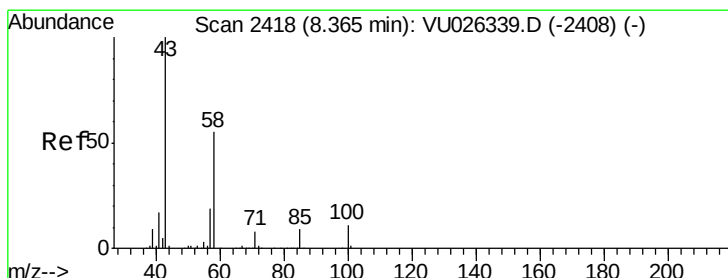
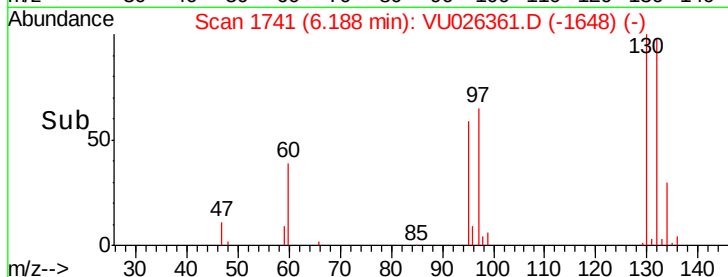
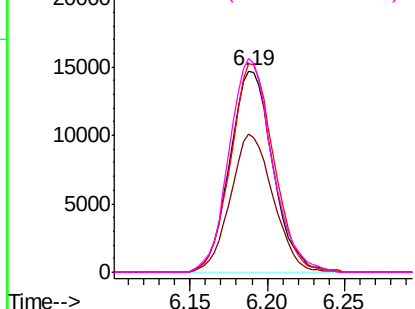
#34
 Trichloroethene
 Concen: 11.98 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026361.D
 Acq: 25 Aug 2018 11:24

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Tot Ion:	95	Resp:	28379
Ion	Ratio	Lower	Upper
95	100		
97	68.5	47.2	87.6
132	103.9	70.2	130.4
130	106.1	73.4	136.4

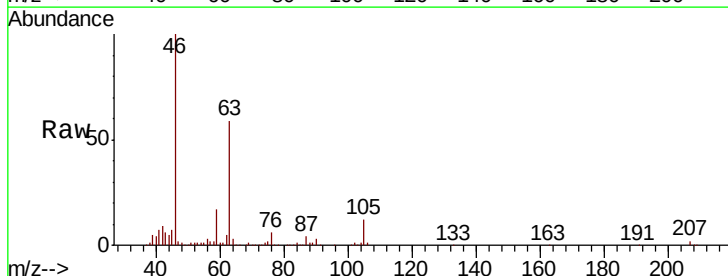


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#48
 2-Hexanone
 Concen: 5.48 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026361.D
 Acq: 25 Aug 2018 11:24

Tgt Ion:	43	Resp:	13692
Ion	Ratio	Lower	Upper
43	100		
58	29.2	42.6	63.8#
57	29.2	15.1	22.7#
100	0.0	9.5	14.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

