

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026335.D
 Acq On : 24 Aug 2018 15:51
 Operator : MD/SY
 Sample : J4624-05ME
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 02:31:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 02:29:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	394342	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	392864	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	209723	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109645	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.64	69	69054	35.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.42%
11) 1,1-Dichloroethene-d2	2.24	63	165191	34.94	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	4.19	46	192279	100.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.64	84	255768	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
26) 1,2-Dichloroethane-d4	5.31	65	172248	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.34	84	500330	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	163360	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	7.57	98	464525	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%
43) trans-1,3-Dichloropropene-	7.85	79	78895	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
47) 2-Hexanone-d5	8.32	63	154554	107.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	251935	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	221191	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

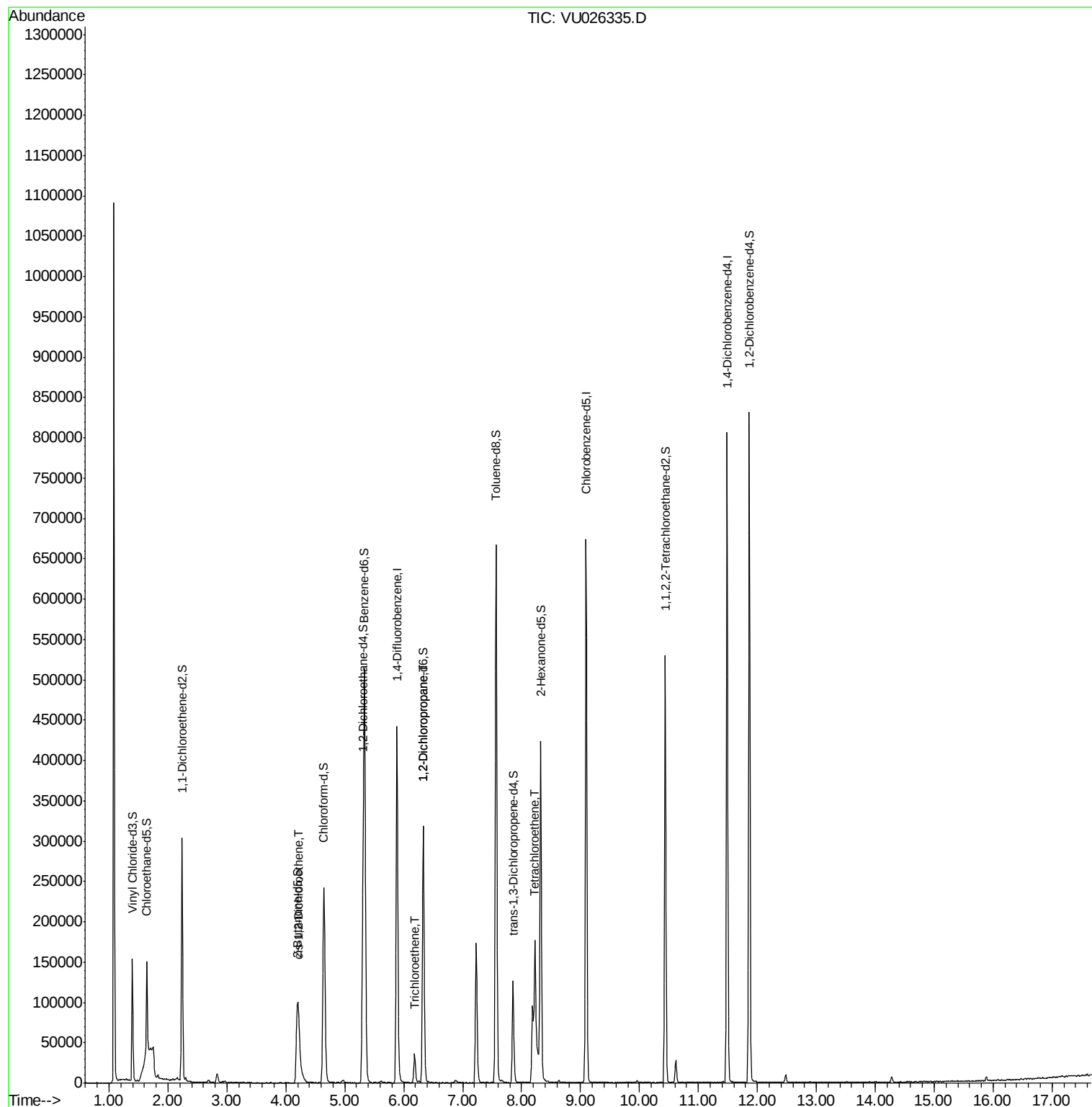
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	16557	5.863 ug/L	98
34) Trichloroethene	6.18	95	12777	4.511 ug/L	90
37) 1,2-Dichloropropane	6.33	63	17810	6.084 ug/L #	88
46) Tetrachloroethene	8.23	164	31004	12.722 ug/L	97

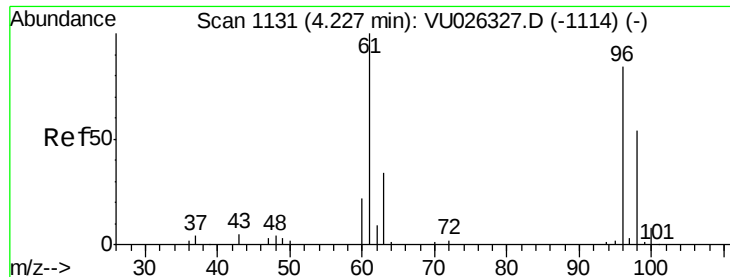
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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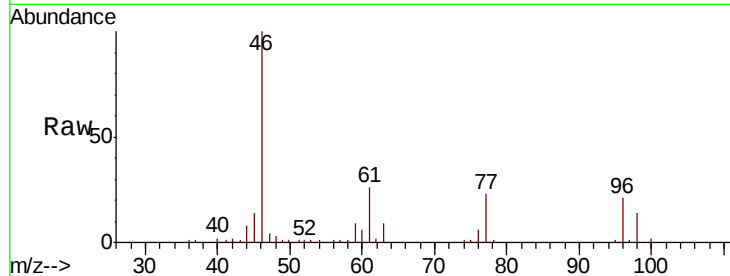




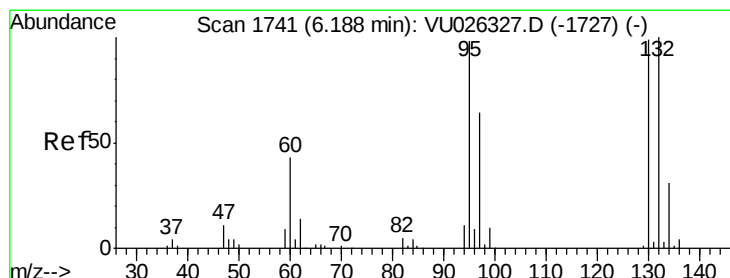
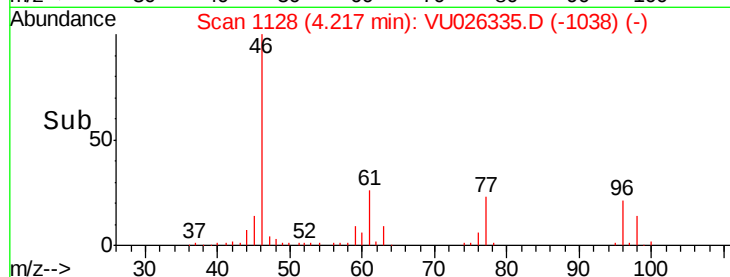
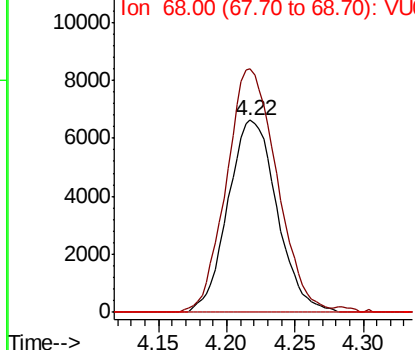
#20
 cis-1,2-Dichloroethene
 Concen: 5.863 ug/L
 RT: 4.22 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VU026335.D
 Acq: 24 Aug 2018 15:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 16557
 Ion Ratio Lower Upper
 96 100
 61 126.6 90.3 167.7
 68 0.0 0.0 0.0

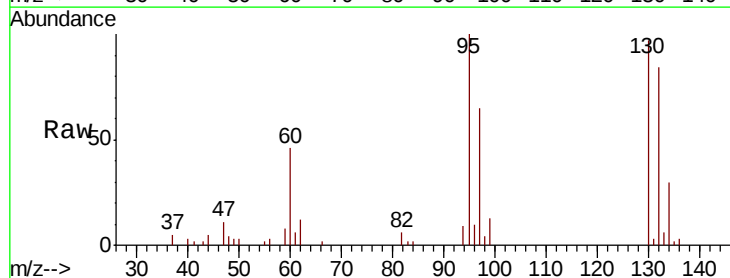


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

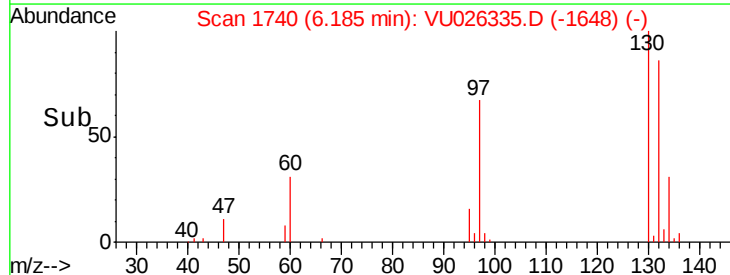
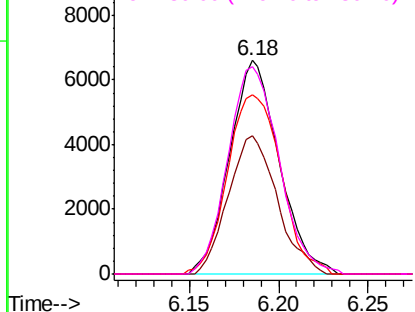


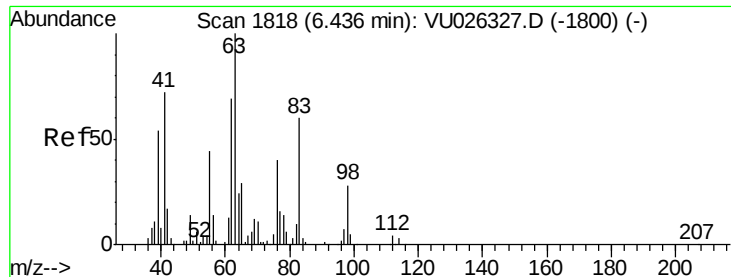
#34
 Trichloroethene
 Concen: 4.511 ug/L
 RT: 6.18 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VU026335.D
 Acq: 24 Aug 2018 15:51

Tgt Ion: 95 Resp: 12777
 Ion Ratio Lower Upper
 95 100
 97 64.7 47.2 87.6
 132 84.0 70.2 130.4
 130 97.2 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

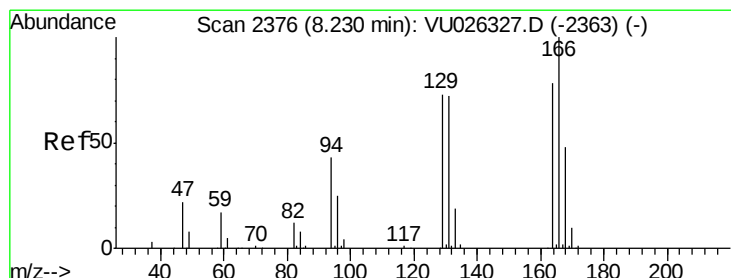
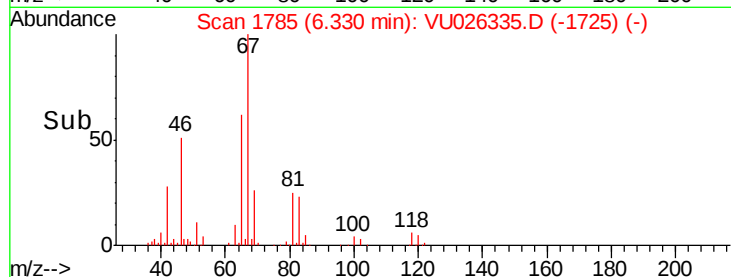
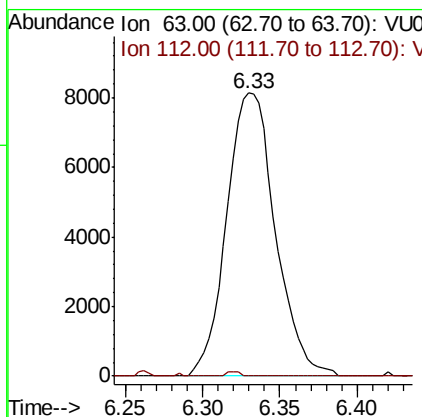
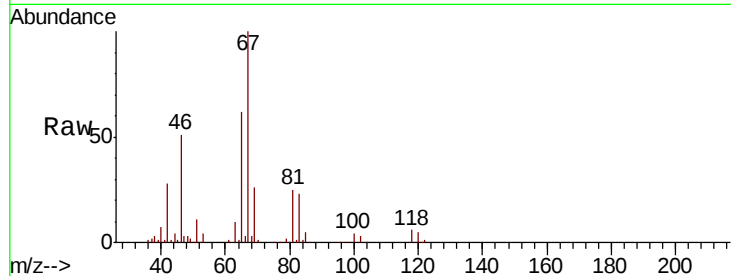




#37
 1,2-Dichloropropane
 Concen: 6.084 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU026335.D
 Acq: 24 Aug 2018 15:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 17810
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 12.722 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026335.D
 Acq: 24 Aug 2018 15:51

Tgt Ion:164 Resp: 31004
 Ion Ratio Lower Upper
 164 100
 129 89.9 67.3 124.9
 131 95.0 65.5 121.7
 166 129.2 90.9 168.9

