

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026296.D
 Acq On : 23 Aug 2018 14:17
 Operator : MD/SY
 Sample : J4598-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:14:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	259414	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	256611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82424	52.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.18%
7) Chloroethane-d5	1.68	69	67759	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.04%
11) 1,1-Dichloroethene-d2	2.27	63	125486	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.70%
21) 2-Butanone-d5	4.18	46	129183	102.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.30%
24) Chloroform-d	4.65	84	185323	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
26) 1,2-Dichloroethane-d4	5.31	65	123292	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
32) Benzene-d6	5.35	84	357794	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.33	67	115724	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.00%
41) Toluene-d8	7.57	98	324609	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%
43) trans-1,3-Dichloropropene-	7.85	79	55225	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.31	63	91829	97.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160826	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	137015	53.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.12%

Target Compounds

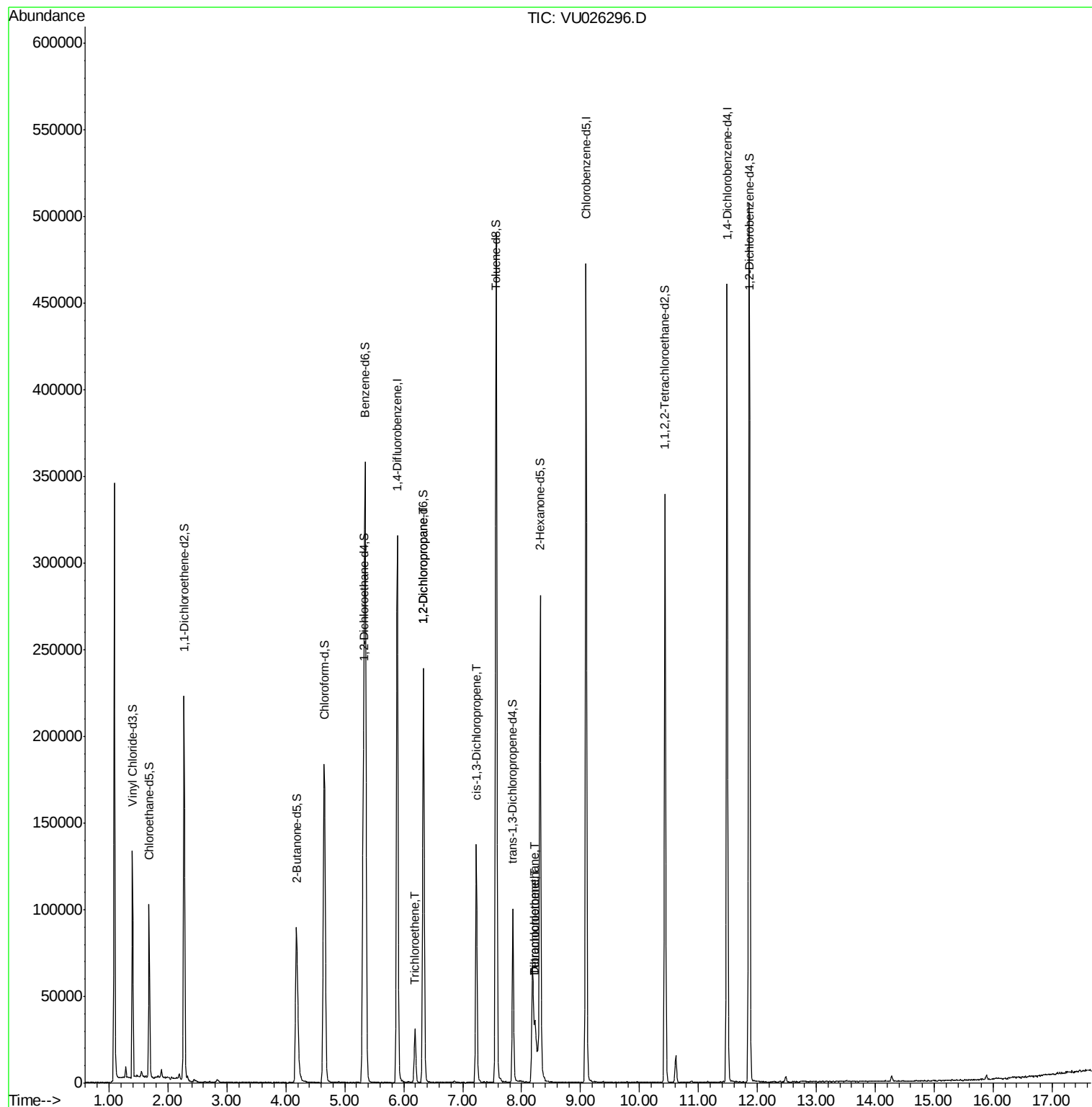
					Ovalue
34) Trichloroethene	6.19	95	11166	6.036 ug/L	86
37) 1,2-Dichloropropane	6.33	63	12162	6.361 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3554	1.224 ug/L #	82
46) Tetrachloroethene	8.23	164	3415	2.145 ug/L	100
49) Dibromochloromethane	8.23	129	2934	1.322 ug/L #	11

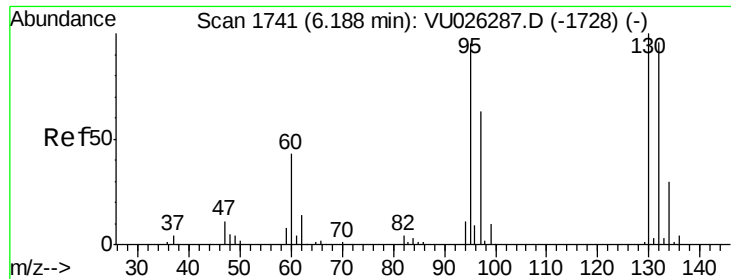
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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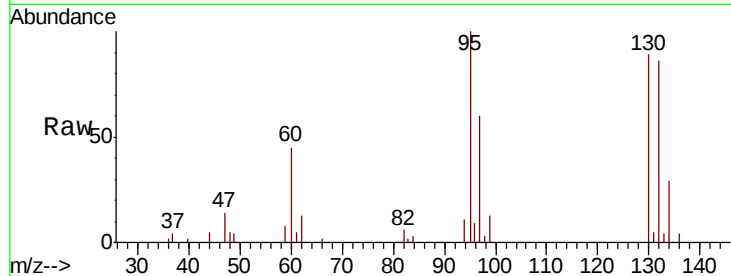




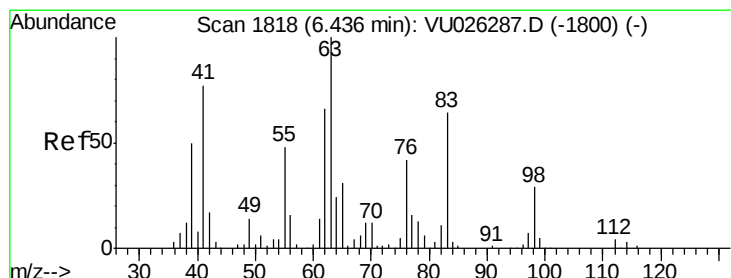
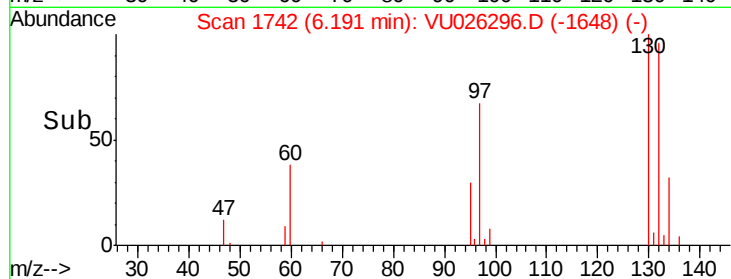
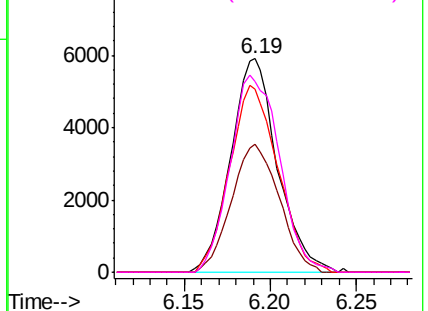
#34
 Trichloroethene
 Concen: 6.036 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026296.D
 Acq: 23 Aug 2018 14:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 11166
 Ion Ratio Lower Upper
 95 100
 97 59.7 47.2 87.6
 132 85.7 70.2 130.4
 130 89.3 73.4 136.4

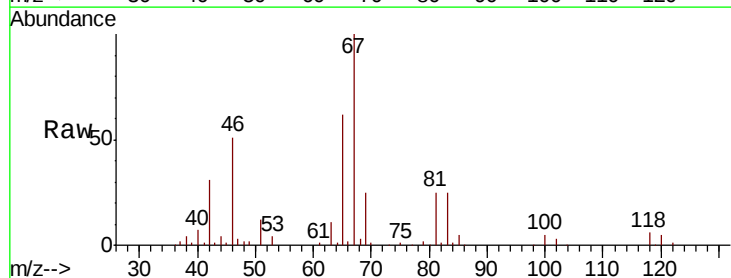


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

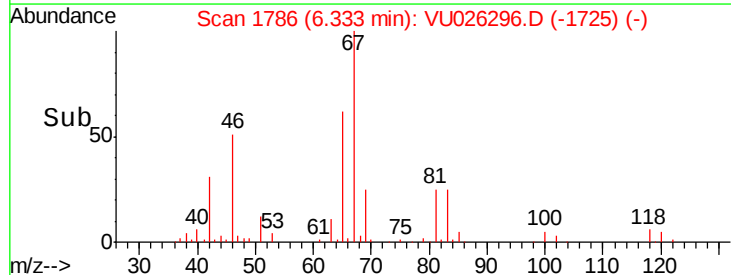
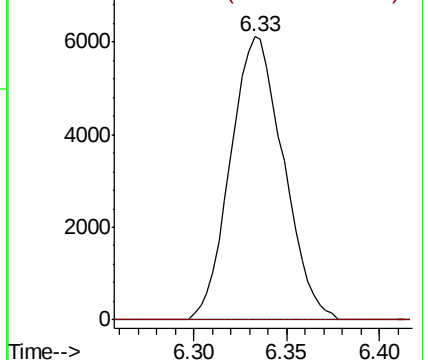


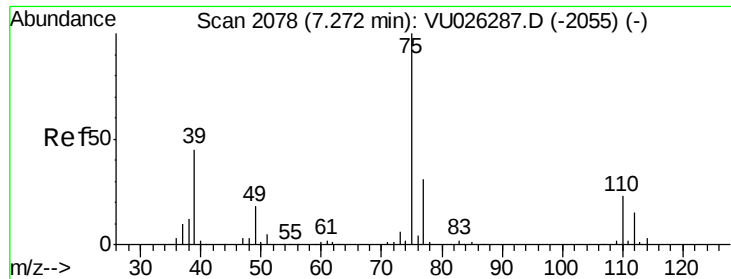
#37
 1,2-Dichloropropane
 Concen: 6.361 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026296.D
 Acq: 23 Aug 2018 14:17

Tgt Ion: 63 Resp: 12162
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V



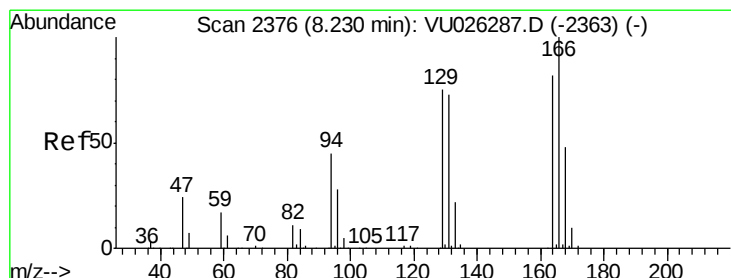
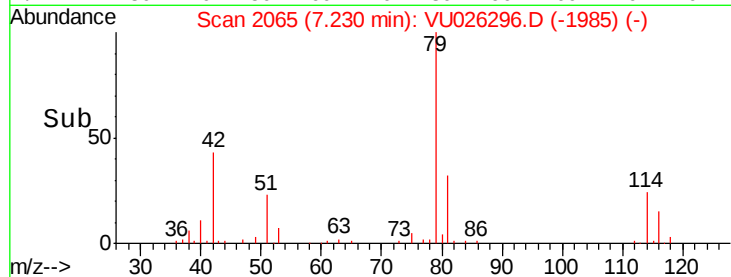
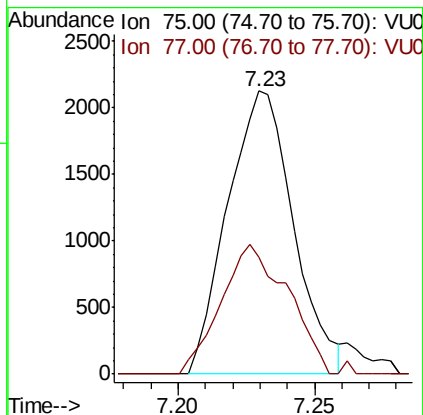
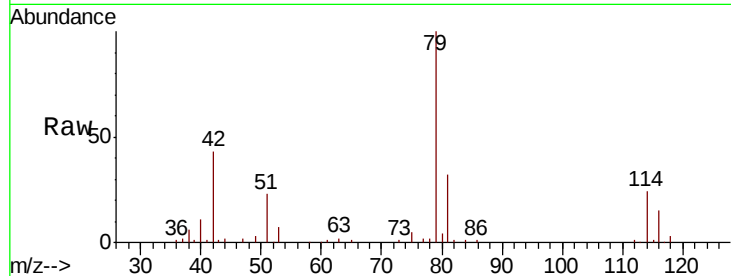


#39

cis-1,3-Dichloropropene
Concen: 1.224 ug/L
RT: 7.23 min Scan# 2065
Delta R.T. -0.04 min
Lab File: VU026296.D
Acq: 23 Aug 2018 14:17

Instrument :
MSVOA_U
ClientSampled :

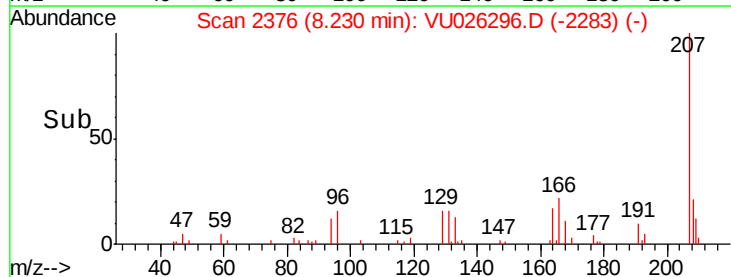
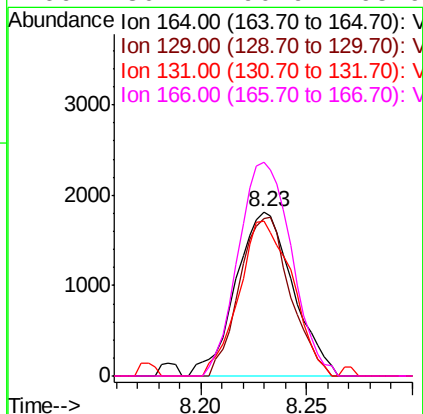
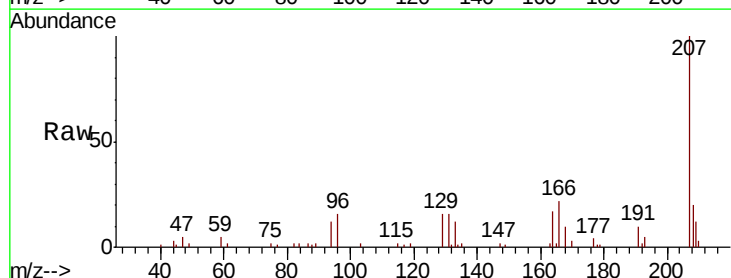
Tot Ion: 75 Resp: 3554
Ion Ratio Lower Upper
75 100
77 41.5 22.0 40.8#

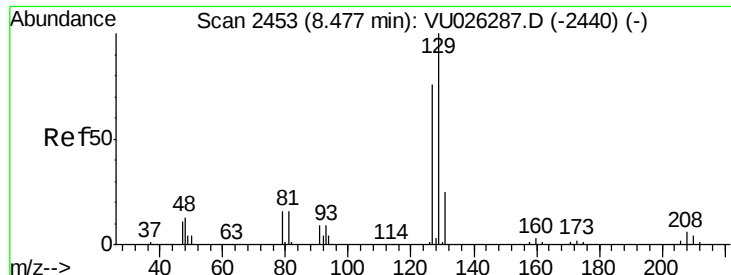


#46

Tetrachloroethene
Concen: 2.145 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026296.D
Acq: 23 Aug 2018 14:17

Tgt Ion: 164 Resp: 3415
Ion Ratio Lower Upper
164 100
129 95.8 67.3 124.9
131 94.5 65.5 121.7
166 130.2 90.9 168.9





#49

Dibromochloromethane

Concen: 1.322 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.24 min

Lab File: VU026296.D

Acq: 23 Aug 2018 14:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 2934

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

