

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026463.D
 Acq On : 30 Aug 2018 21:59
 Operator : MD/SY
 Sample : J4691-01DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:44:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61450	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42007	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	39086	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.06%
11) 1,1-Dichloroethene-d2	2.27	63	60029	28.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.08%#
21) 2-Butanone-d5	4.18	46	67815	91.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.93%
24) Chloroform-d	4.65	84	77992	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.31	65	53031	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
32) Benzene-d6	5.34	84	155958	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
36) 1,2-Dichloropropane-d6	6.33	67	53386	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.78%
41) Toluene-d8	7.57	98	139852	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.85	79	21193	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.31	63	50284	96.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74385	44.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	55909	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

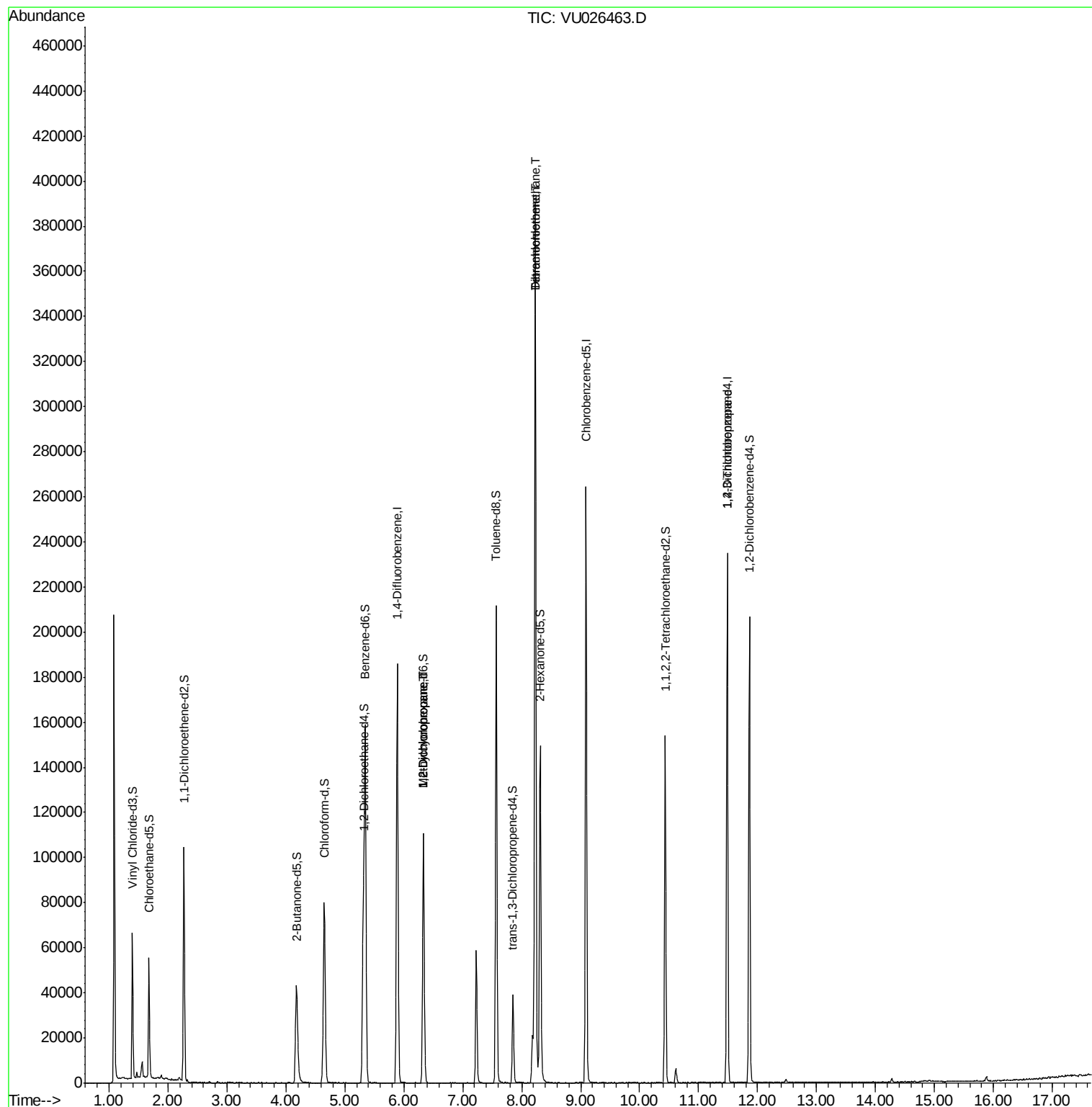
					Ovalue
35) Methylcyclohexane	6.33	83	12036	7.455 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5869	5.143 ug/L #	88
46) Tetrachloroethene	8.23	164	84580	100.050 ug/L	97
49) Dibromochloromethane	8.23	129	79081	67.132 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7251	5.092 ug/L	90

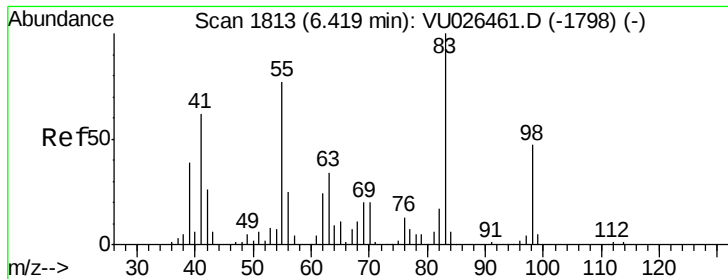
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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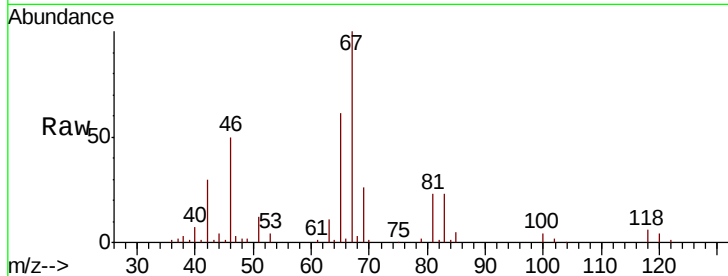




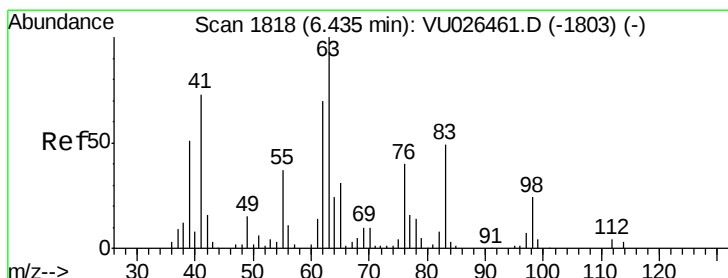
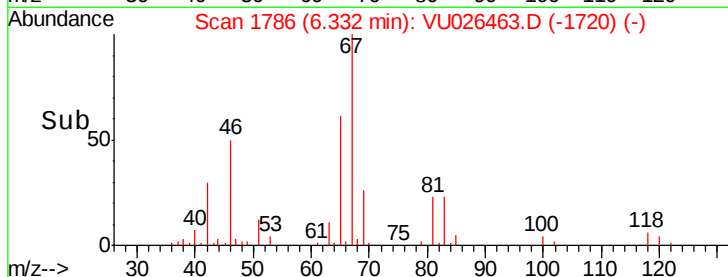
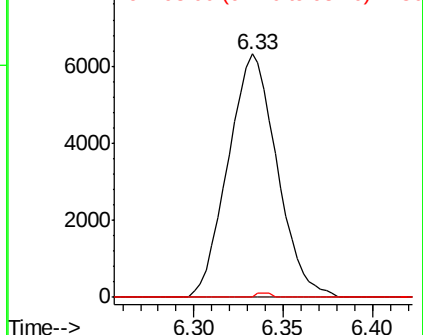
#35
Methvlcvclohexane
Concen: 7.455 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026463.D
Acq: 30 Aug 2018 21:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 12036
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.6 36.7 55.1#

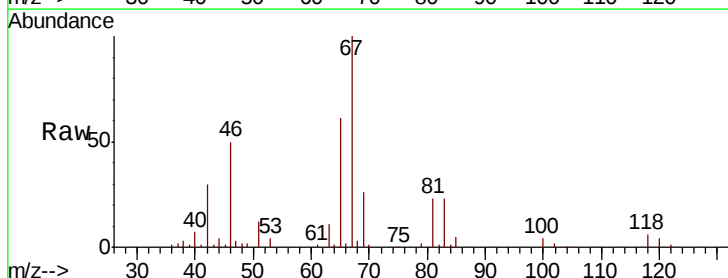


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

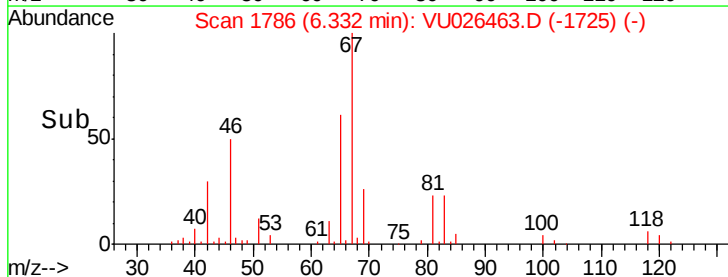
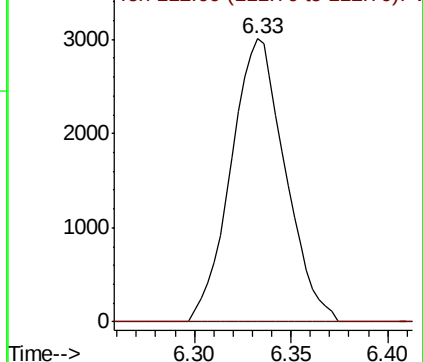


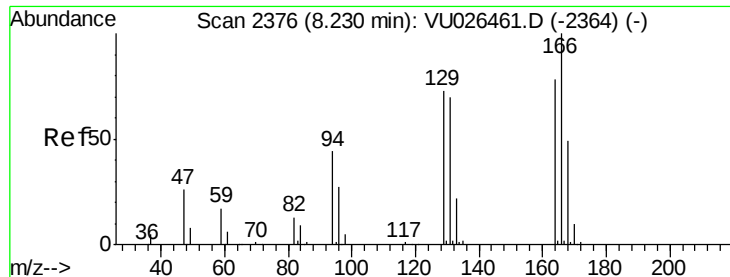
#37
1,2-Dichloropropane
Concen: 5.143 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026463.D
Acq: 30 Aug 2018 21:59

Tgt Ion: 63 Resp: 5869
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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

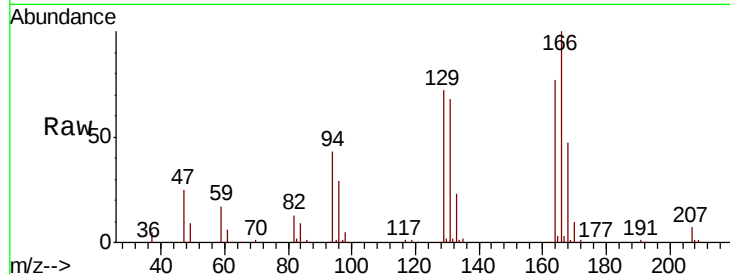




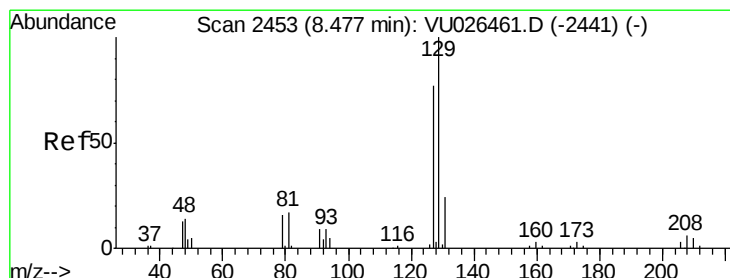
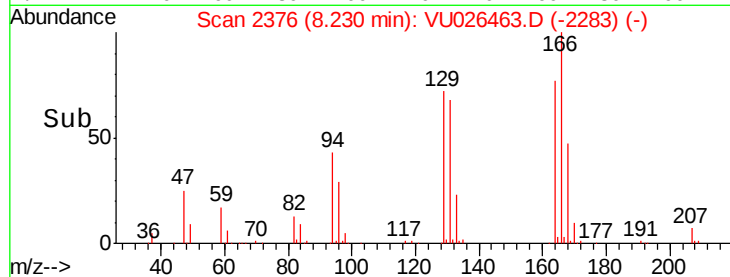
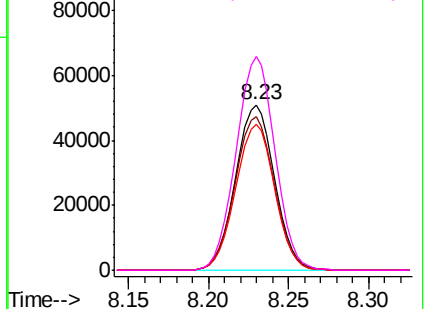
#46
Tetrachloroethene
Concen: 100.050 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026463.D
Acq: 30 Aug 2018 21:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 84580
Ion Ratio Lower Upper
164 100
129 93.0 67.3 125.1
131 88.5 65.3 121.3
166 129.3 90.9 168.7

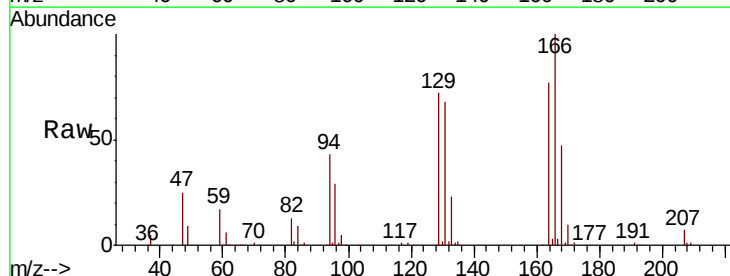


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

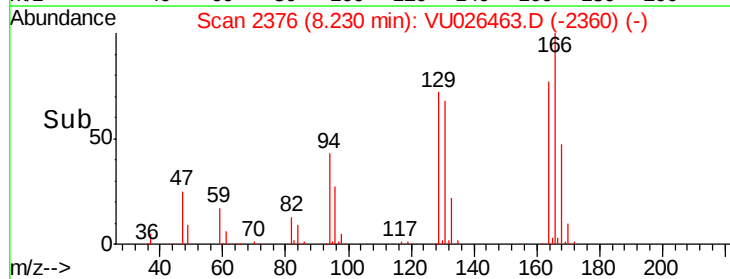
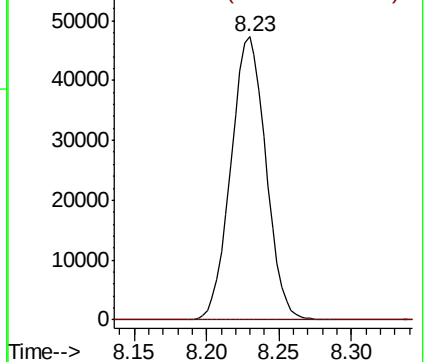


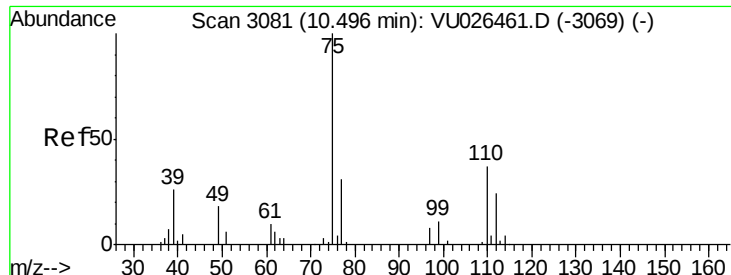
#49
Dibromochloromethane
Concen: 67.132 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026463.D
Acq: 30 Aug 2018 21:59

Tgt Ion:129 Resp: 79081
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.092 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026463.D

Acq: 30 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7251

Ion Ratio Lower Upper

75 100

77 36.9 25.0 37.6

