

Data File : VU026514.D
Acq On : 31 Aug 2018 20:50
Operator : MD/SY
Sample : VU0831WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 01 06:28:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 06:27:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	158369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64937	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45030	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.68	69	42012	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.27	63	63543	28.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.52%#
21) 2-Butanone-d5	4.18	46	76069	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.65	84	86362	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.31	65	61269	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.35	84	178541	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
36) 1,2-Dichloropropane-d6	6.33	67	62097	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.82%
41) Toluene-d8	7.57	98	163048	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%
43) trans-1,3-Dichloropropene-	7.85	79	26477	49.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.74%
47) 2-Hexanone-d5	8.31	63	55947	104.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84551	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	65824	55.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.74%

Target Compounds

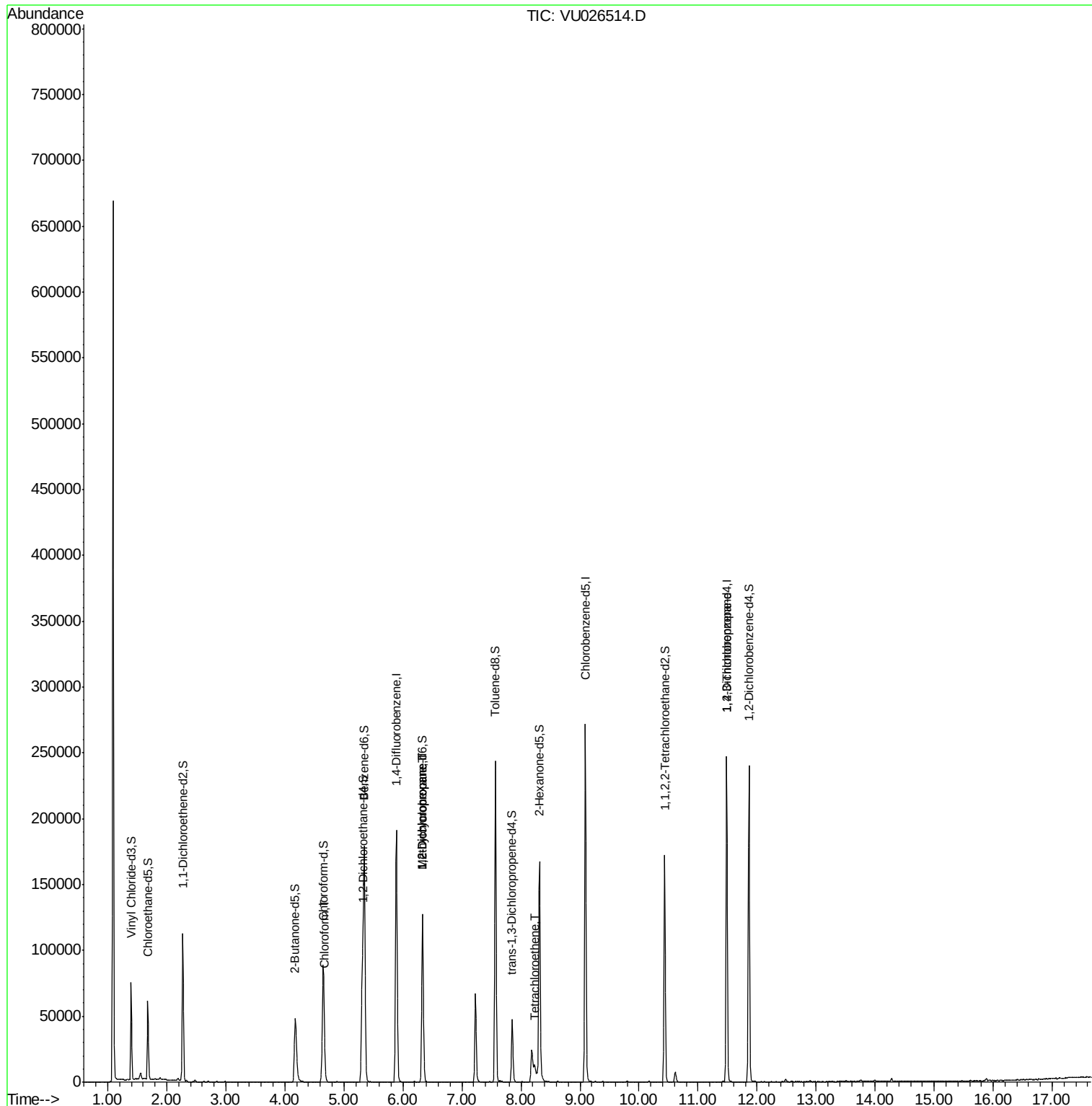
					Qvalue
25) Chloroform	4.68	83	5144	2.507 ug/L	93
35) Methylcyclohexane	6.33	83	13934	8.452 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	6439	5.526 ug/L #	88
46) Tetrachloroethene	8.23	164	1085	1.257 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	7752	5.331 ug/L	93

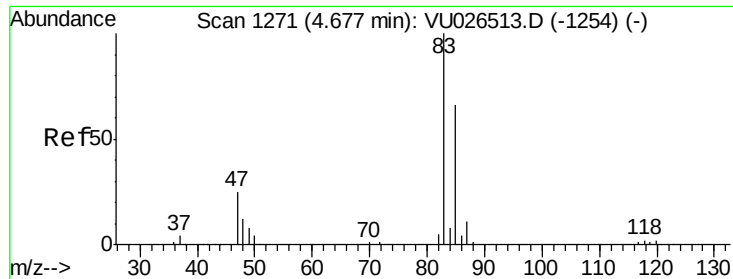
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026514.D
Acq On : 31 Aug 2018 20:50
Operator : MD/SY
Sample : VU0831WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 01 06:28:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 06:27:57 2018
Response via : Initial Calibration

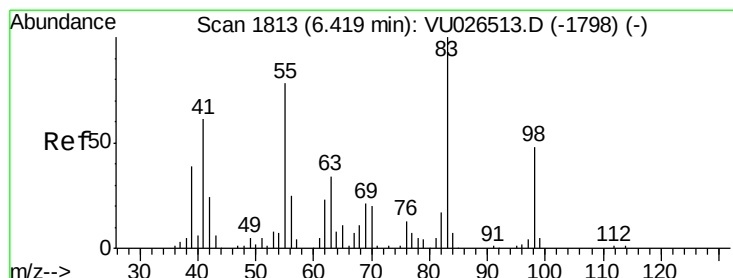
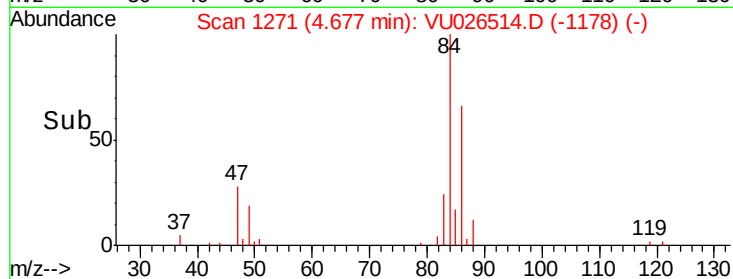
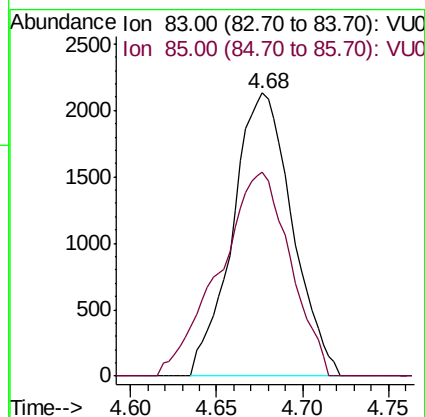
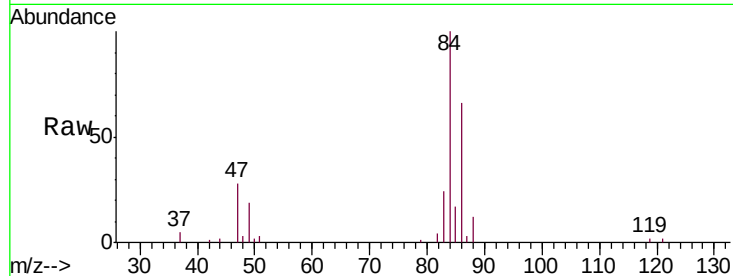




#25
Chloroform
Concen: 2.507 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026514.D
Acq: 31 Aug 2018 20:50

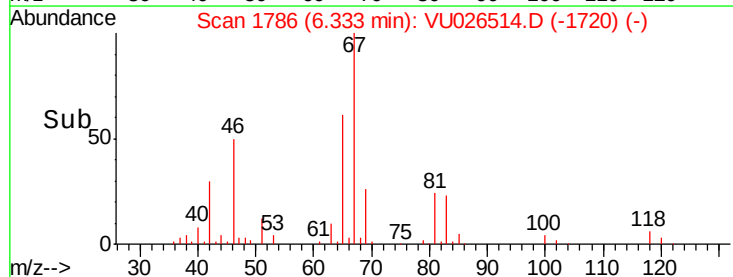
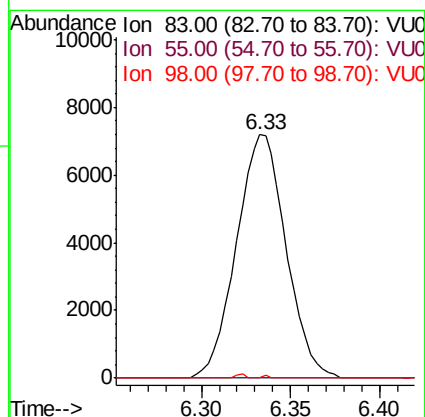
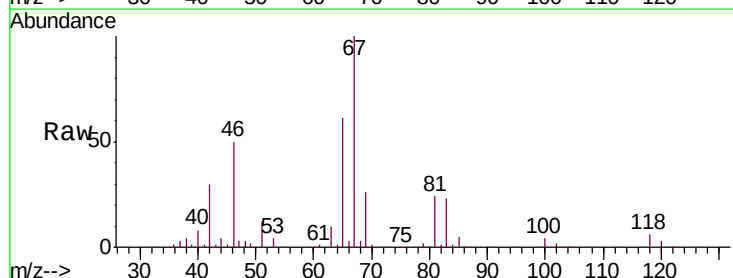
Instrument :
MSVOA_U
ClientSampleId :

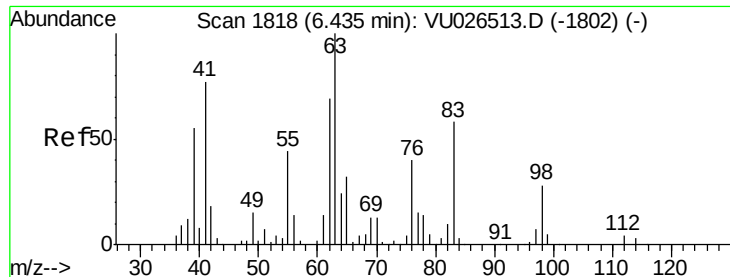
Tgt Ion: 83 Resp: 5144
Ion Ratio Lower Upper
83 100
85 72.0 46.5 86.5



#35
Methylcyclohexane
Concen: 8.452 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026514.D
Acq: 31 Aug 2018 20:50

Tgt Ion: 83 Resp: 13934
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.3 36.7 55.1#

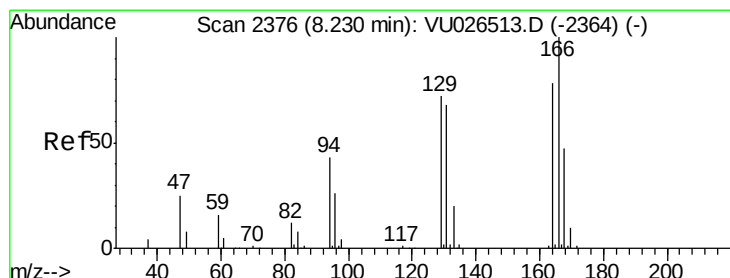
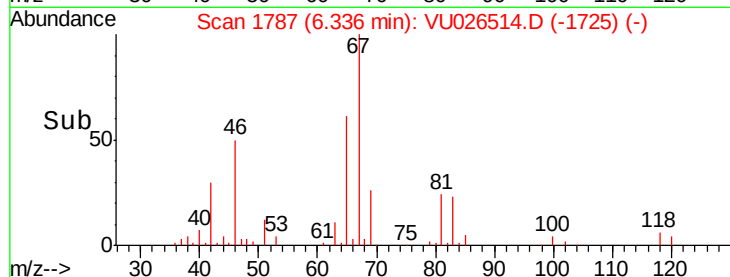
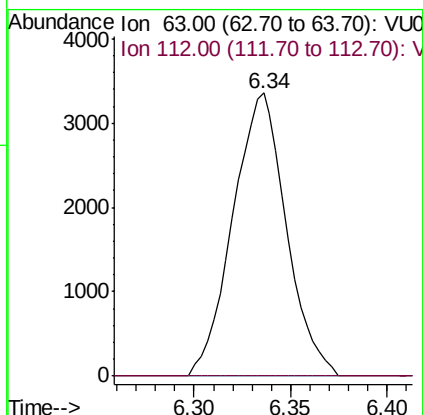
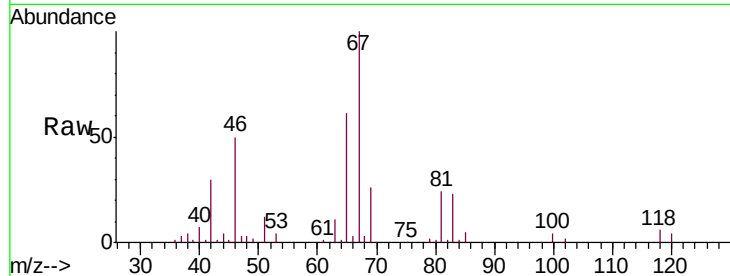




#37
 1,2-Dichloropropane
 Concen: 5.526 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026514.D
 Acq: 31 Aug 2018 20:50

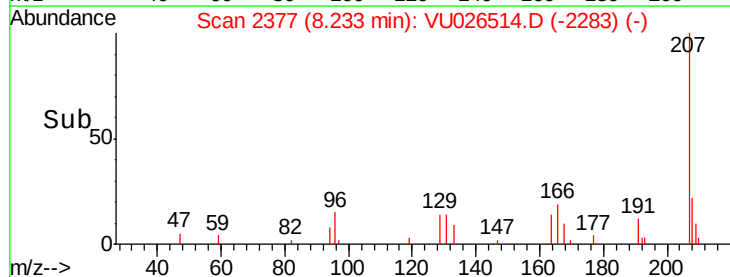
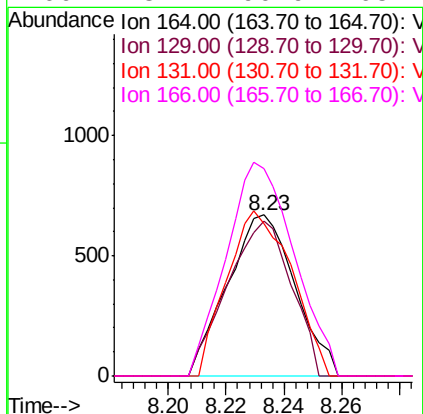
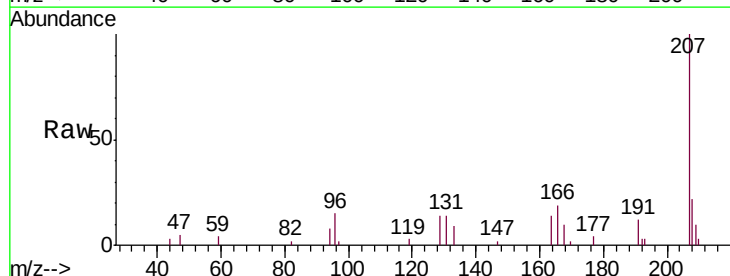
Instrument :
 MSVOA_U
 ClientSampleId :

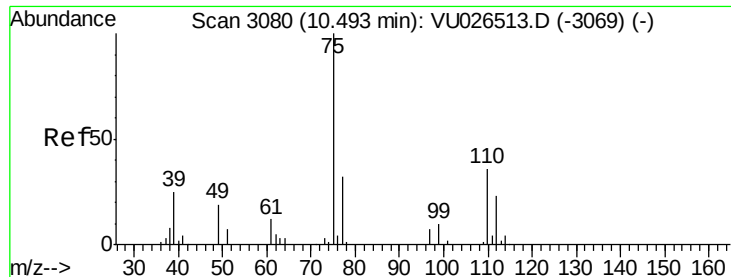
Tgt Ion: 63 Resp: 6439
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.257 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU026514.D
 Acq: 31 Aug 2018 20:50

Tgt Ion: 164 Resp: 1085
 Ion Ratio Lower Upper
 164 100
 129 96.3 67.3 125.1
 131 94.9 65.3 121.3
 166 128.7 90.9 168.7





#59

1,2,3-Trichloropropane

Concen: 5.331 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026514.D

Acq: 31 Aug 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 7752

Ion Ratio Lower Upper

75 100

77 35.2 25.0 37.6

