

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U080918\
 Data File : VU025988.D
 Acq On : 09 Aug 2018 11:56
 Operator : MD/SY
 Sample : J4361-01 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:15:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	79137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105768	74.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	148.22%#
7) Chloroethane-d5	1.67	69	88365	78.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	156.18%#
11) 1,1-Dichloroethene-d2	2.27	63	157127	57.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.88%
21) 2-Butanone-d5	4.18	46	174112	146.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	146.37%#
24) Chloroform-d	4.65	84	234103	77.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	154.70%#
26) 1,2-Dichloroethane-d4	5.31	65	160861	78.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	157.36%#
32) Benzene-d6	5.34	84	457213	81.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	162.04%#
36) 1,2-Dichloropropane-d6	6.33	67	147324	80.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	161.36%#
41) Toluene-d8	7.57	98	420946	77.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	155.94%#
43) trans-1,3-Dichloropropene-	7.85	79	72709	79.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	158.06%#
47) 2-Hexanone-d5	8.31	63	126426	152.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	152.44%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	201489	75.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	150.92%#
64) 1,2-Dichlorobenzene-d4	11.86	152	162108	83.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	166.20%#

Target Compounds

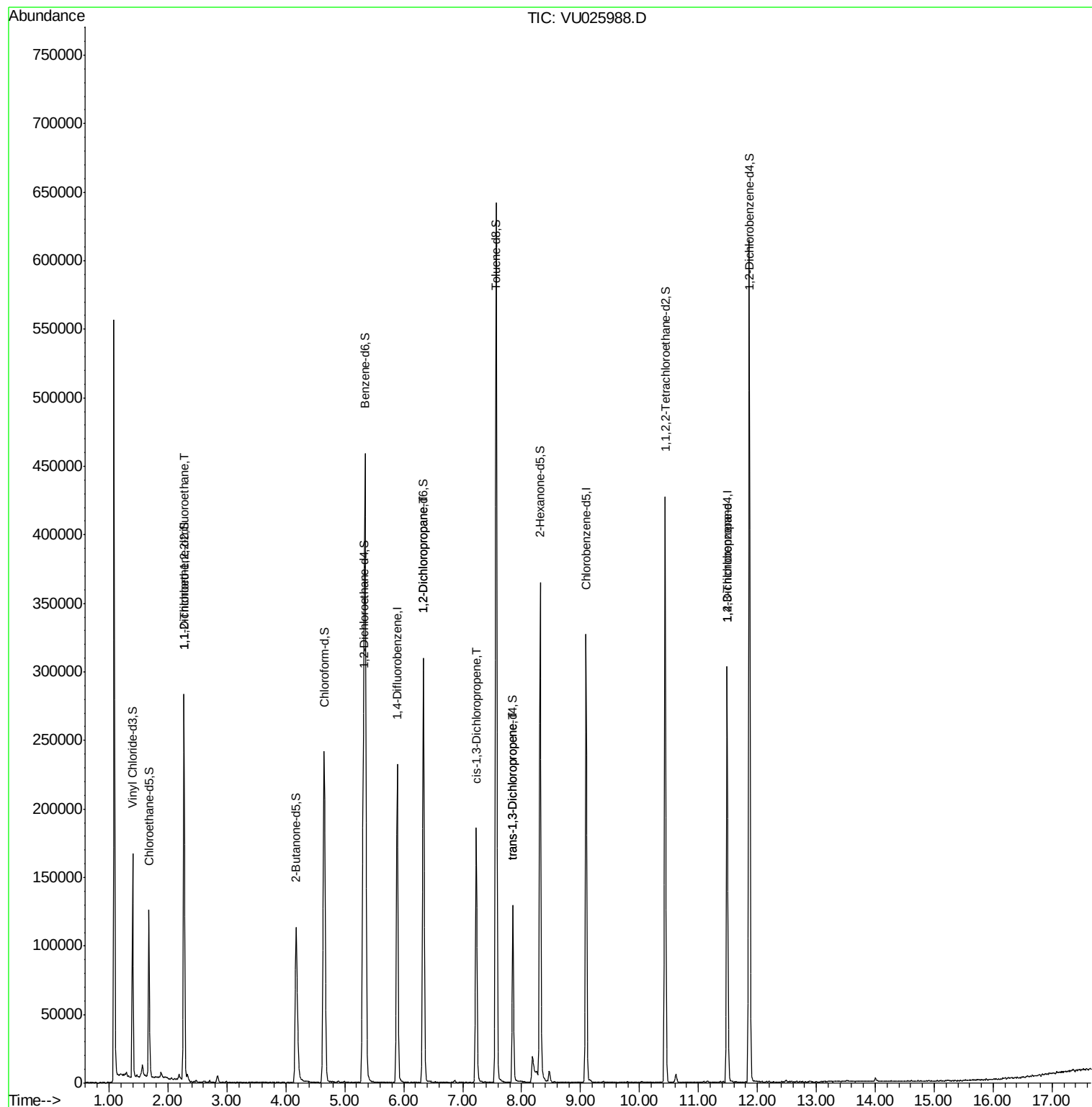
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1537	1.254 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	16874	11.914 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4783	2.228 ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	3294	1.612 ug/L	88
59) 1,2,3-Trichloropropane	11.49	75	8736	4.783 ug/L #	84

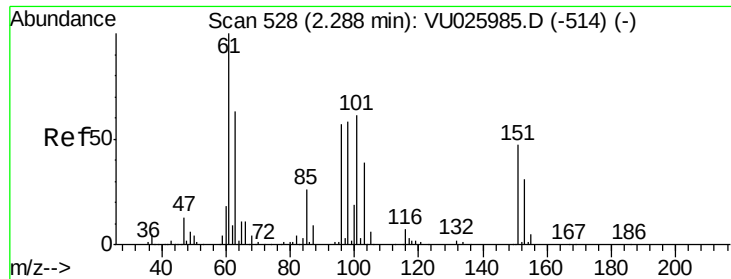
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.254 ug/L

RT: 2.27 min Scan# 523

Delta R.T. -0.02 min

Lab File: VU025988.D

Acq: 09 Aug 2018 11:56

Instrument :

MSVOA_U

ClientSampleId :

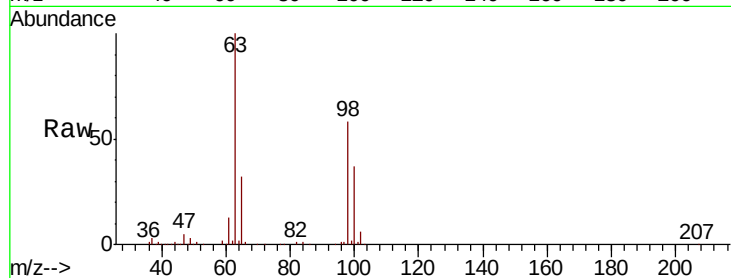
Tot Ion:101 Resp: 1537

Ion Ratio Lower Upper

101 100

85 3.1 36.0 54.0#

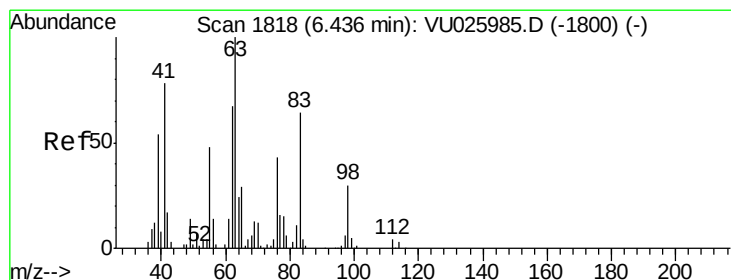
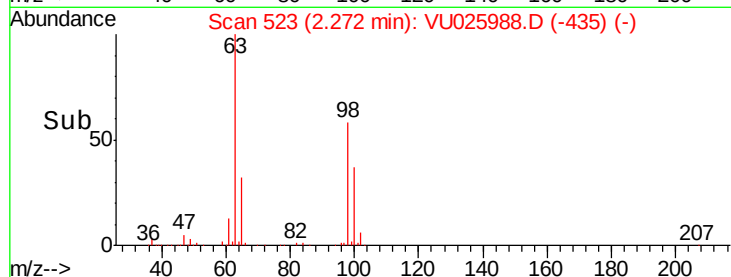
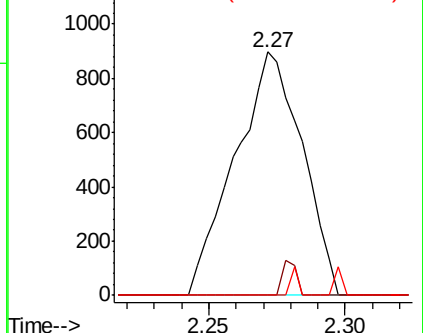
151 0.0 64.2 96.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 11.914 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025988.D

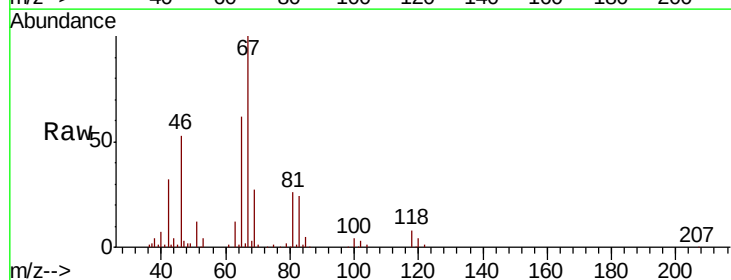
Acq: 09 Aug 2018 11:56

Tgt Ion: 63 Resp: 16874

Ion Ratio Lower Upper

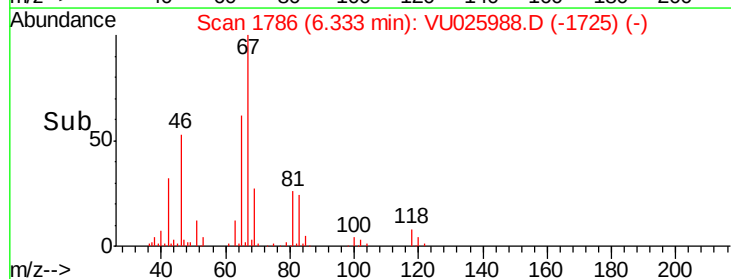
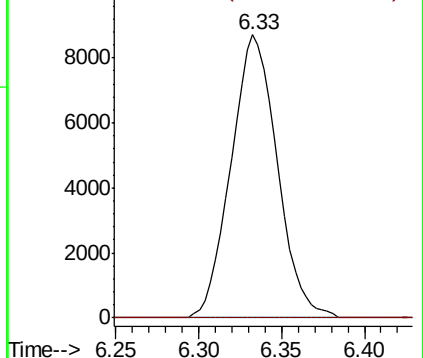
63 100

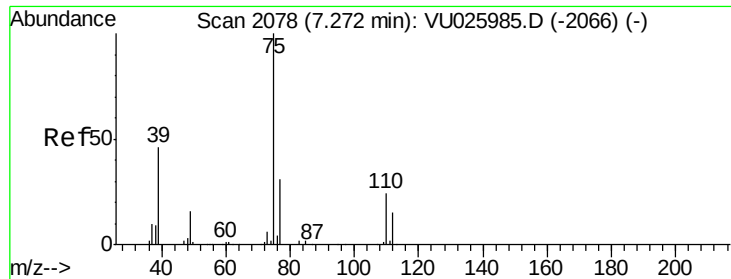
112 0.0 3.2 4.8#



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: 2.228 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU025988.D

Acq: 09 Aug 2018 11:56

Instrument :

MSVOA_U

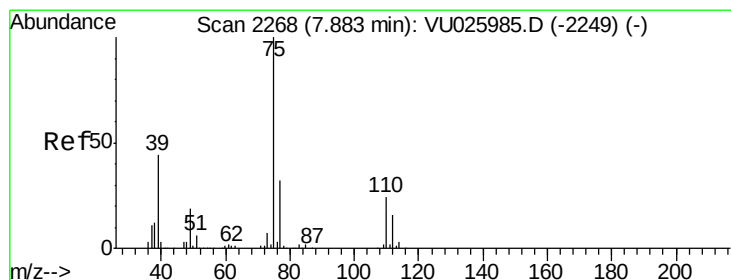
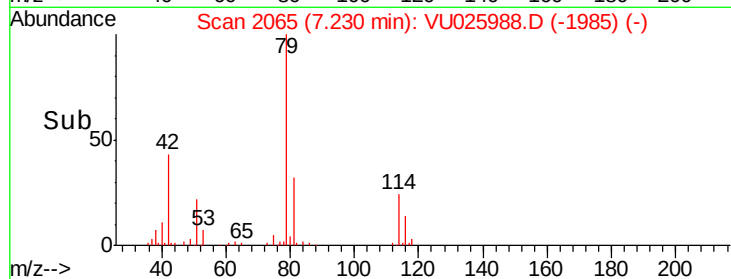
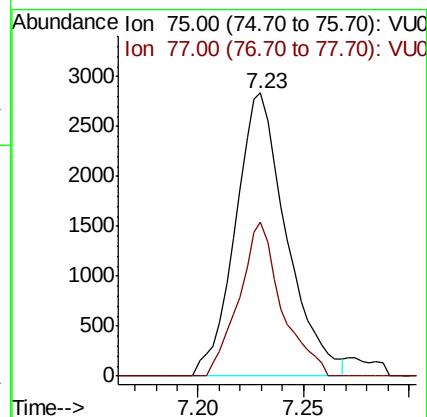
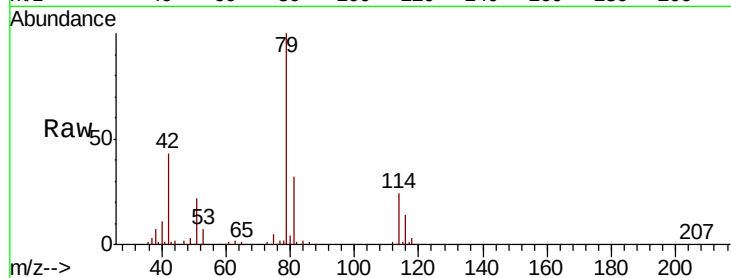
ClientSampleId :

Tot Ion: 75 Resp: 4783

Ion Ratio Lower Upper

75 100

77 54.6 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 1.612 ug/L

RT: 7.85 min Scan# 2258

Delta R.T. -0.03 min

Lab File: VU025988.D

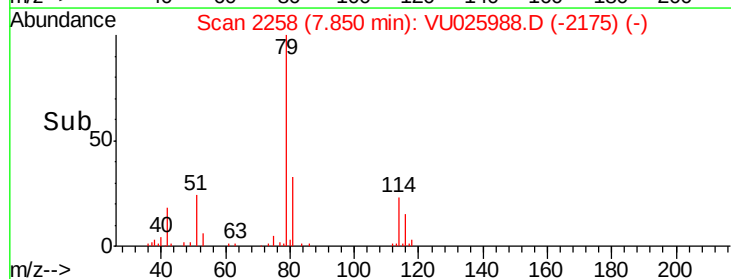
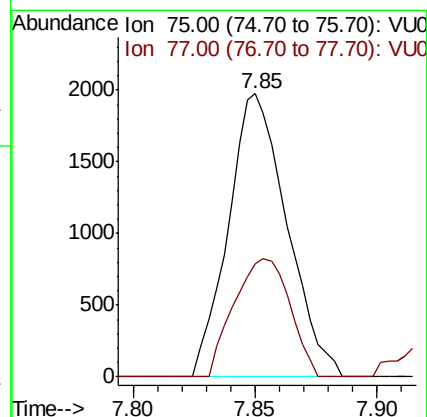
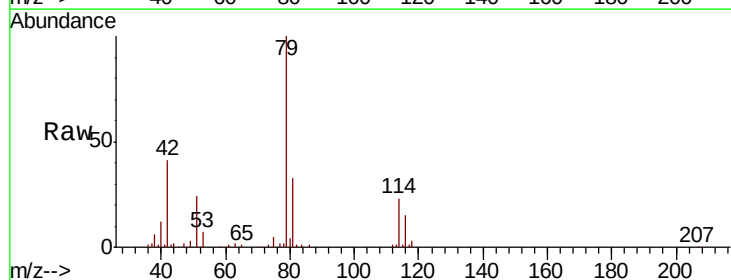
Acq: 09 Aug 2018 11:56

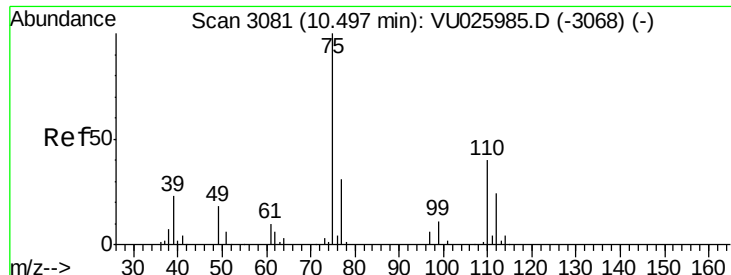
Tgt Ion: 75 Resp: 3294

Ion Ratio Lower Upper

75 100

77 39.8 23.0 42.6





#59

1,2,3-Trichloropropane

Concen: 4.783 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025988.D

Acq: 09 Aug 2018 11:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8736

Ion Ratio Lower Upper

75 100

77 40.6 25.3 37.9#

