

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026292.D
 Acq On : 23 Aug 2018 12:44
 Operator : MD/SY
 Sample : J4598-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:24 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	267626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	260324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122782	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85374	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.60%
7) Chloroethane-d5	1.68	69	69915	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.04%
11) 1,1-Dichloroethene-d2	2.27	63	130886	40.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.58%
21) 2-Butanone-d5	4.18	46	132341	101.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.58%
24) Chloroform-d	4.65	84	187776	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
26) 1,2-Dichloroethane-d4	5.31	65	123632	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
32) Benzene-d6	5.35	84	365737	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.33	67	119684	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.04%
41) Toluene-d8	7.57	98	328454	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%
43) trans-1,3-Dichloropropene-	7.85	79	56749	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.24%
47) 2-Hexanone-d5	8.31	63	95265	99.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161622	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	137467	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

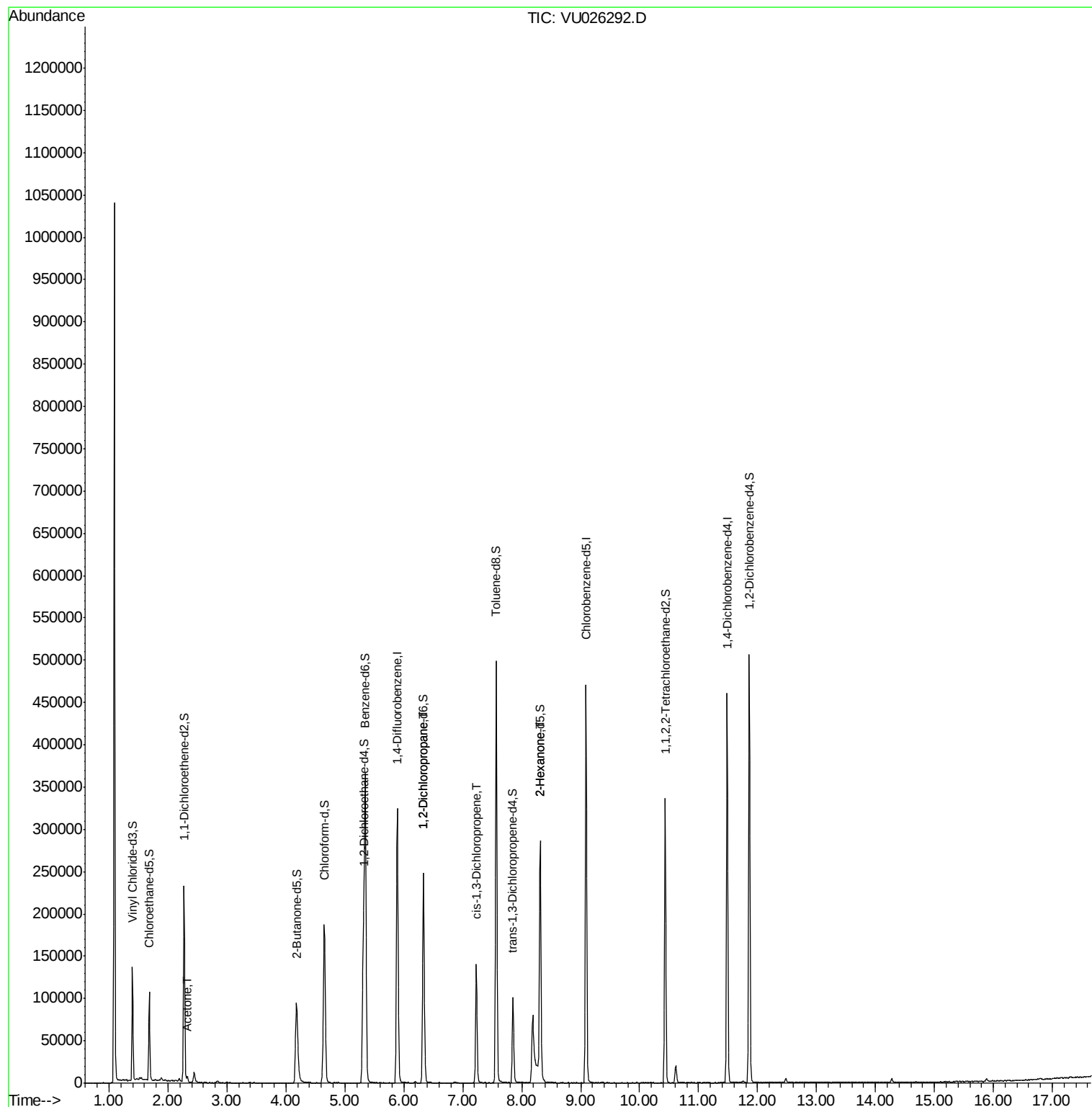
					Ovalue
13) Acetone	2.32	43	5634	5.588 ug/L	99
37) 1,2-Dichloropropane	6.33	63	13213	6.812 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3729	1.266 ug/L #	74
48) 2-Hexanone	8.31	43	11683	5.906 ug/L #	67

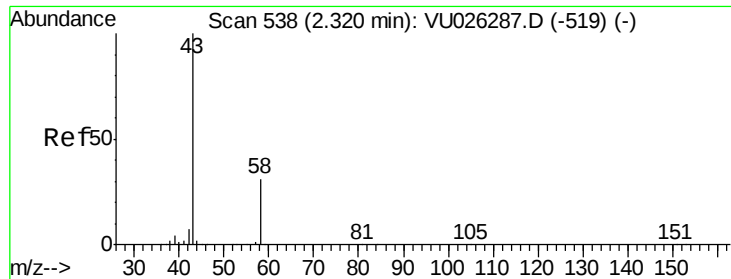
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.588 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026292.D

Acq: 23 Aug 2018 12:44

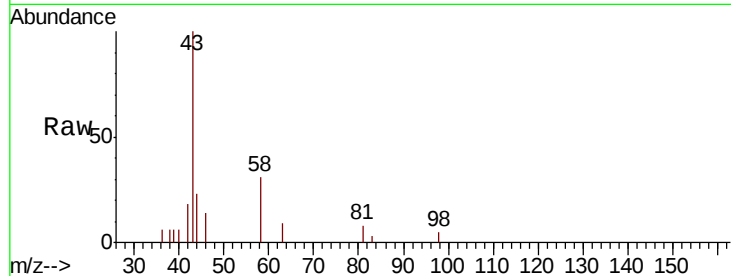
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5634

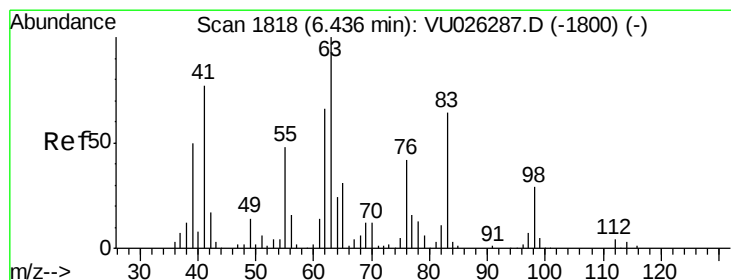
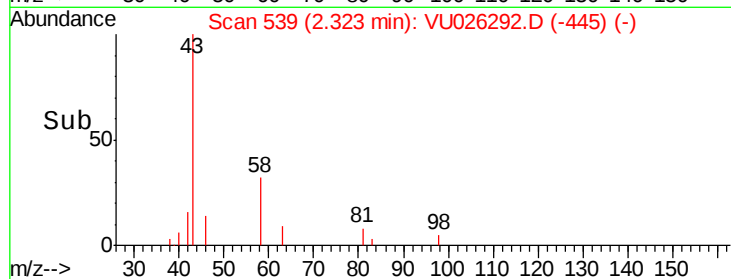
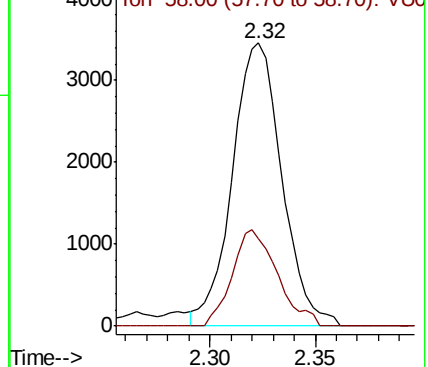
Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 6.812 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026292.D

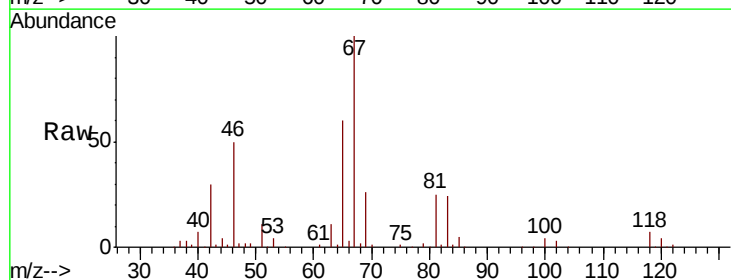
Acq: 23 Aug 2018 12:44

Tgt Ion: 63 Resp: 13213

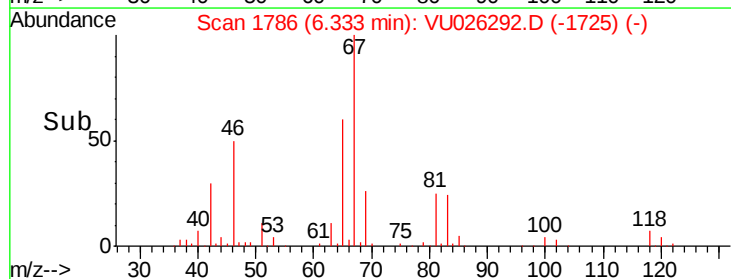
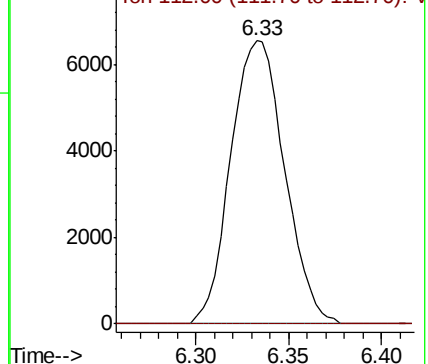
Ion Ratio Lower Upper

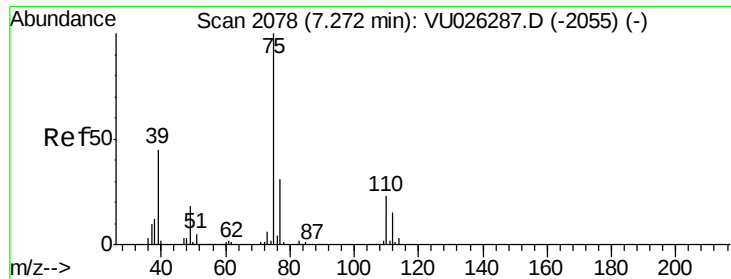
63 100

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

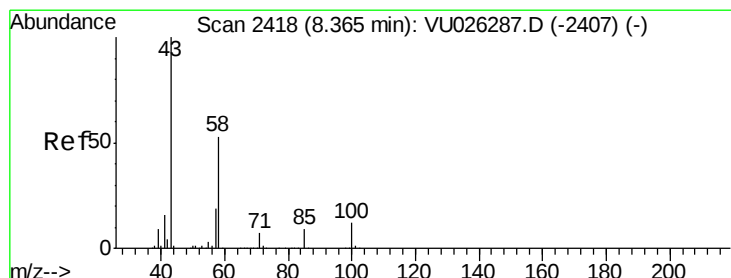
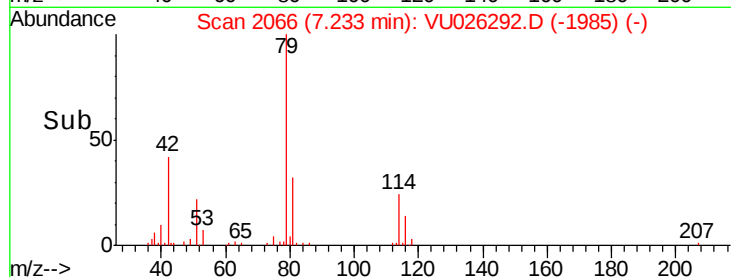
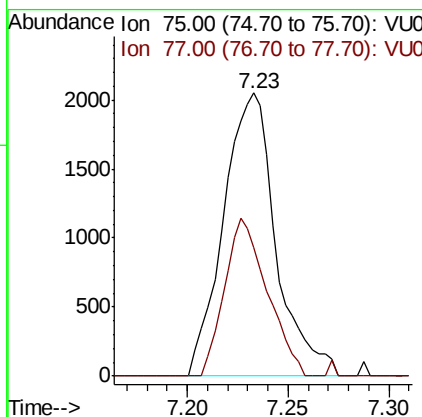
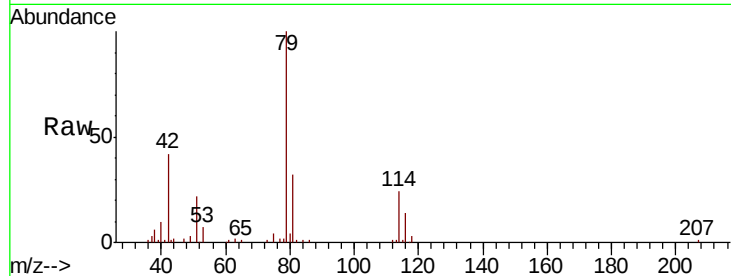




#39
 cis-1,3-Dichloropropene
 Concen: 1.266 ug/L
 RT: 7.23 min Scan# 2066
 Delta R.T. -0.04 min
 Lab File: VU026292.D
 Acq: 23 Aug 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3729
 Ion Ratio Lower Upper
 75 100
 77 45.5 22.0 40.8#



#48
 2-Hexanone
 Concen: 5.906 ug/L
 RT: 8.31 min Scan# 2401
 Delta R.T. -0.05 min
 Lab File: VU026292.D
 Acq: 23 Aug 2018 12:44

Tgt Ion: 43 Resp: 11683
 Ion Ratio Lower Upper
 43 100
 58 26.9 42.6 63.8#
 57 29.9 15.1 22.7#
 100 0.0 9.5 14.3#

