

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026289.D
 Acq On : 23 Aug 2018 11:35
 Operator : MD/SY
 Sample : J4598-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:04 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	278563	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86676	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.02%
7) Chloroethane-d5	1.68	69	71821	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.68%
11) 1,1-Dichloroethene-d2	2.27	63	132029	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.08%
21) 2-Butanone-d5	4.18	46	128793	94.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	4.65	84	189784	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
26) 1,2-Dichloroethane-d4	5.31	65	123977	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.34	84	370859	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
36) 1,2-Dichloropropane-d6	6.33	67	118435	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	7.57	98	335483	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.85	79	57036	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.76%
47) 2-Hexanone-d5	8.31	63	89284	90.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	157331	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	137611	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

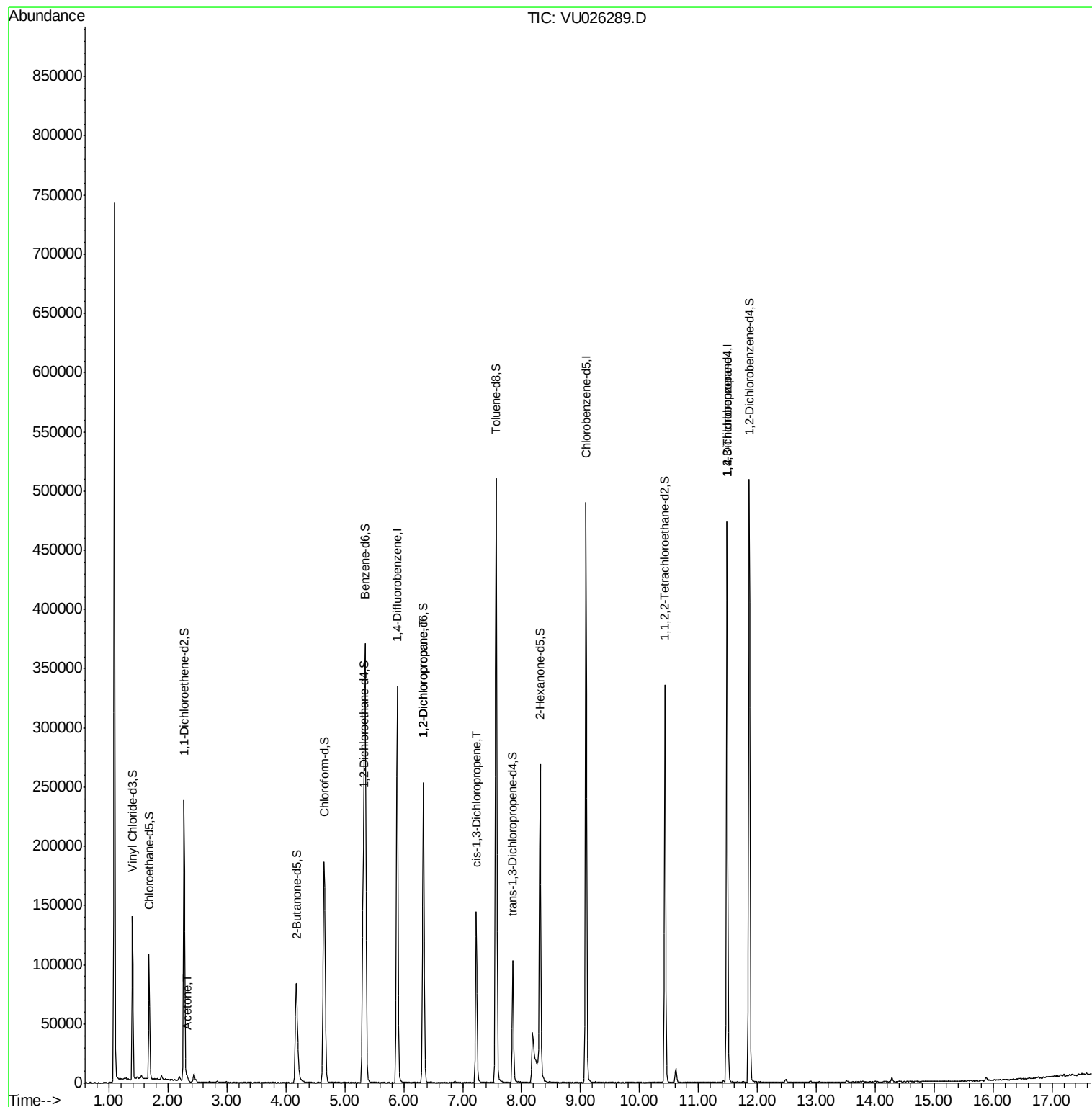
					Ovalue
13) Acetone	2.32	43	4797	4.571 ug/L	97
37) 1,2-Dichloropropane	6.33	63	13496	6.748 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3692	1.215 ug/L #	59
59) 1,2,3-Trichloropropane	11.49	75	13906	5.578 ug/L	92

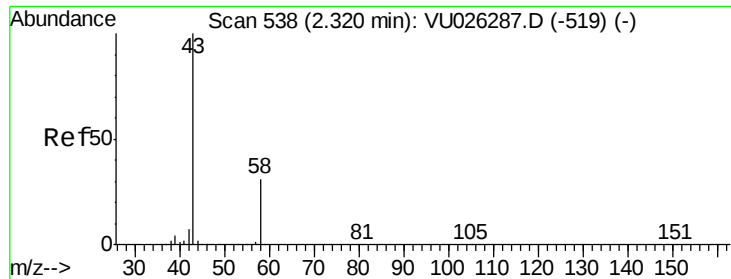
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.571 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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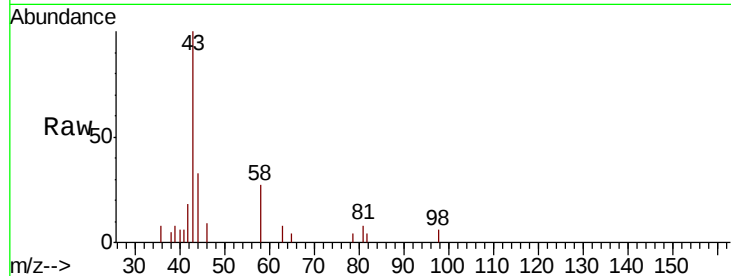
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 4797

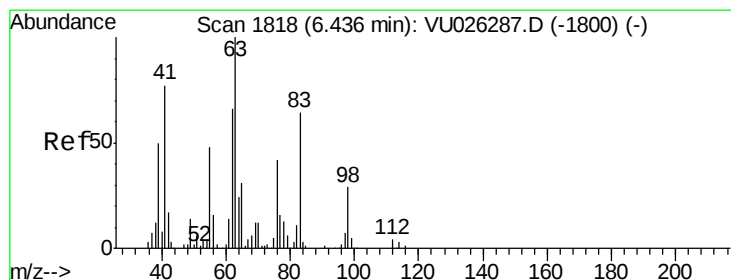
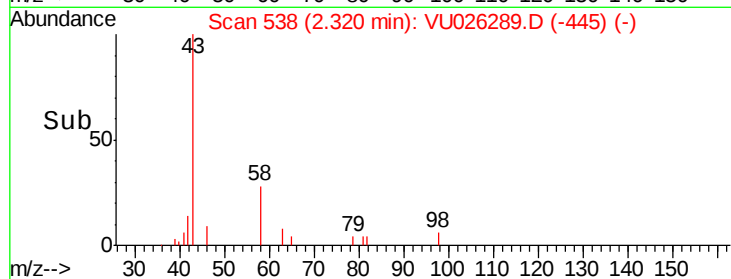
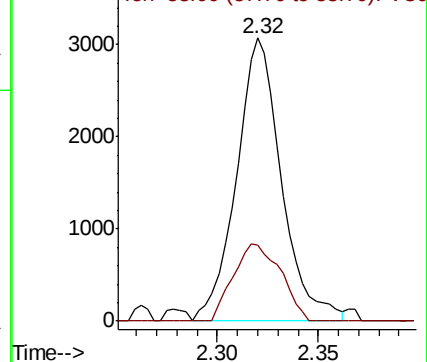
Ion Ratio Lower Upper

43 100

58 28.9 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: 6.748 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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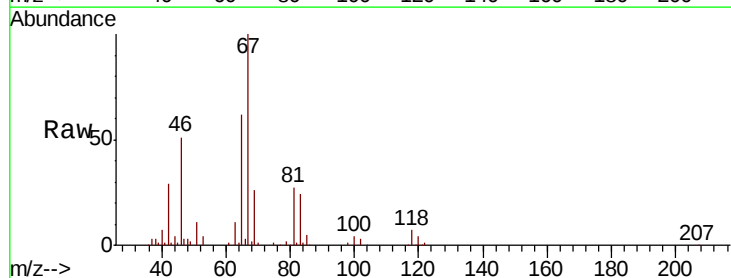
Acq: 23 Aug 2018 11:35

Tgt Ion: 63 Resp: 13496

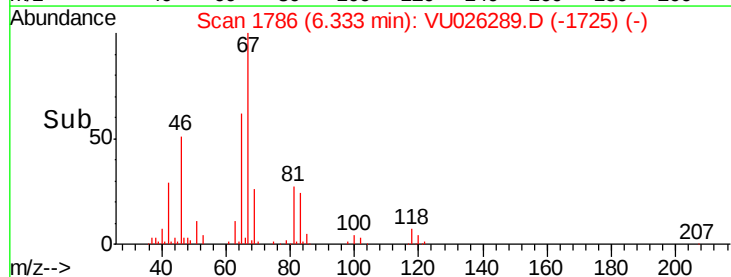
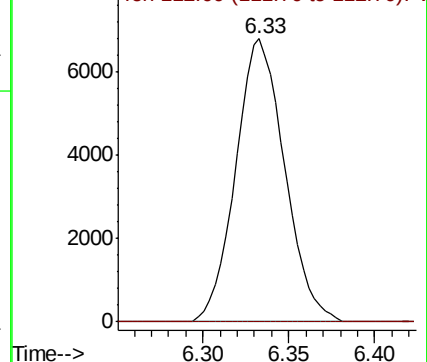
Ion Ratio Lower Upper

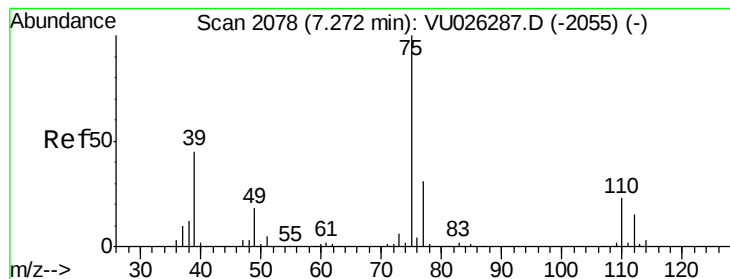
63 100

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: 1.215 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026289.D

Acq: 23 Aug 2018 11:35

Instrument :

MSVOA_U

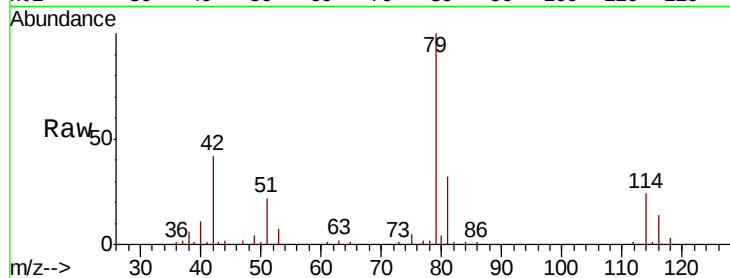
ClientSampleId :

Tot Ion: 75 Resp: 3692

Ion Ratio Lower Upper

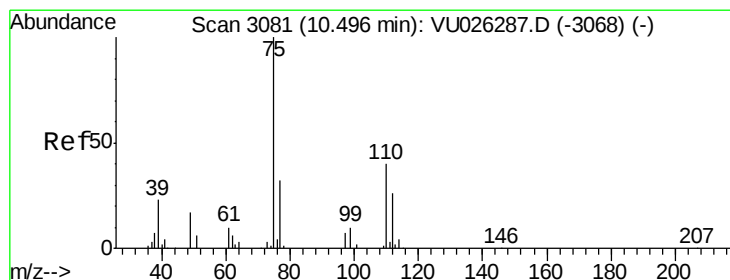
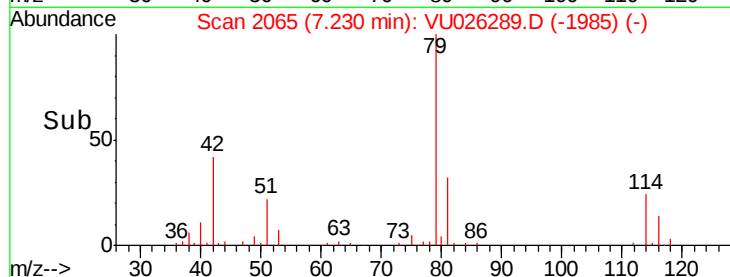
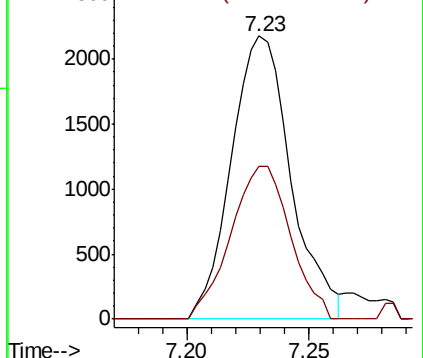
75 100

77 54.1 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.578 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026289.D

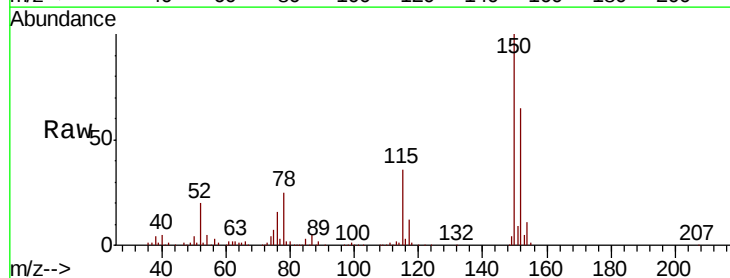
Acq: 23 Aug 2018 11:35

Tgt Ion: 75 Resp: 13906

Ion Ratio Lower Upper

75 100

77 36.4 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

