

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026105.D
 Acq On : 14 Aug 2018 17:06
 Operator : MD/SY
 Sample : J4451-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4

Quant Time: Aug 14 17:24:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	258325	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	103226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77783	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.68	69	67757	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.52%
11) 1,1-Dichloroethene-d2	2.27	63	117598	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	4.18	46	155567	98.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.85%
24) Chloroform-d	4.65	84	193234	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.31	65	129804	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.35	84	360494	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.33	67	120697	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.57	98	320910	45.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	57600	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.31	63	103771	94.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.74%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170842	48.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	128634	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

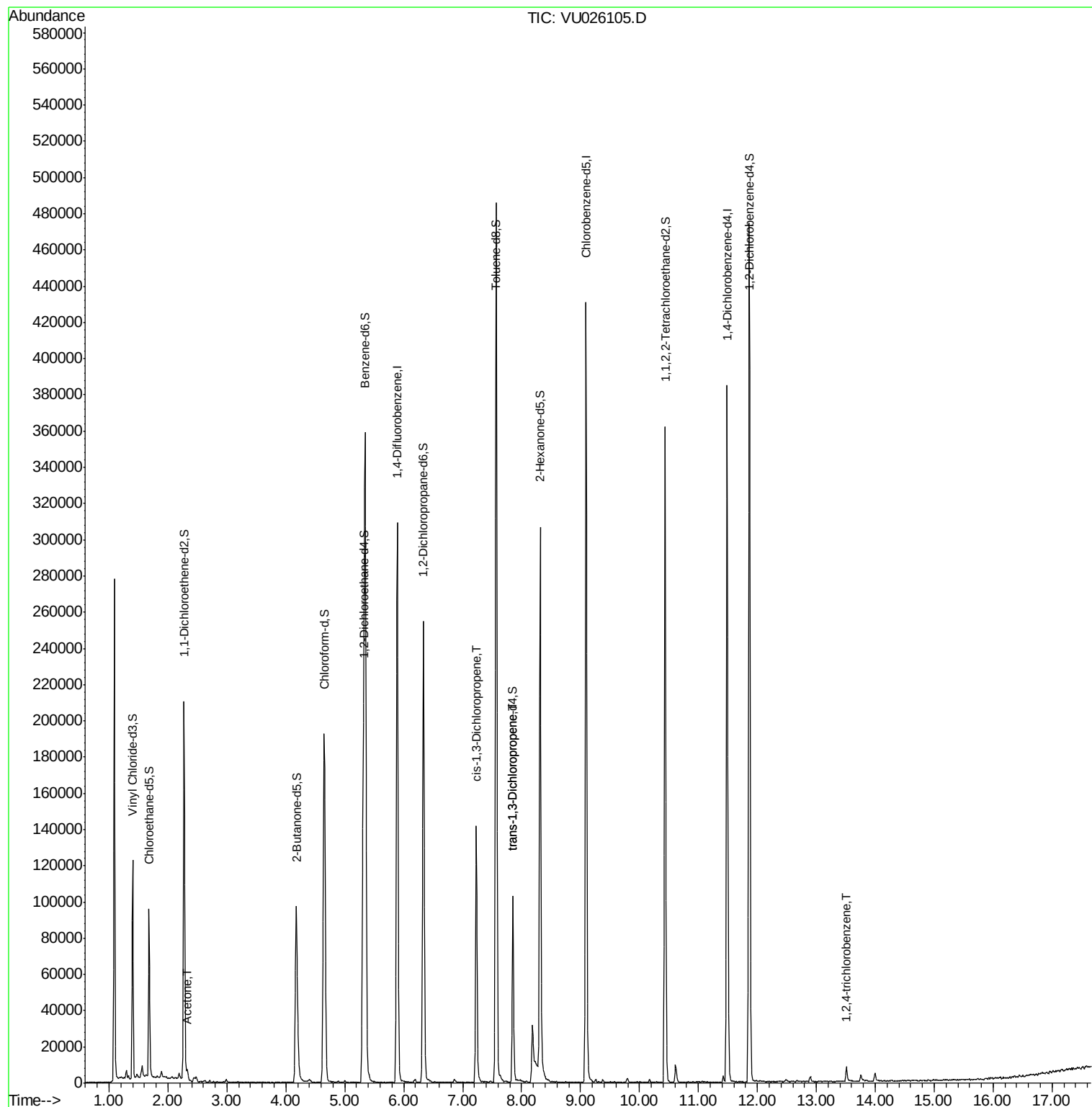
					Qvalue
13) Acetone	2.32	43	5317	5.439 ug/L	93
39) cis-1,3-Dichloropropene	7.23	75	3882	1.369 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	3272	1.213 ug/L	85
68) 1,2,4-trichlorobenzene	13.51	180	3339	1.644 ug/L	97

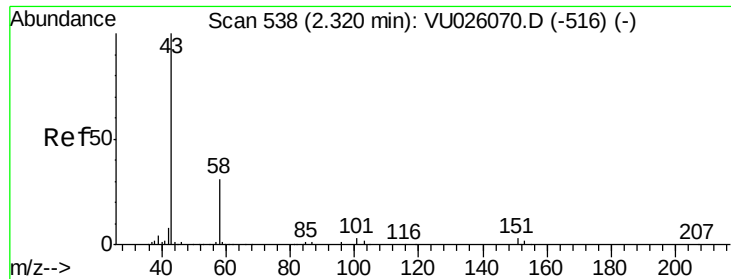
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.439 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026105.D

Acq: 14 Aug 2018 17:06

Instrument :

MSVOA_U

ClientSampleId :

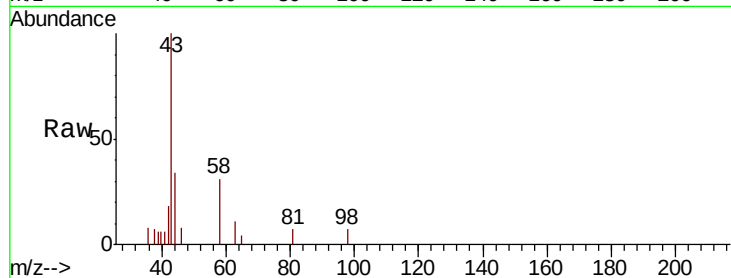
A4ZK4

Tgt Ion: 43 Resp: 5317

Ion Ratio Lower Upper

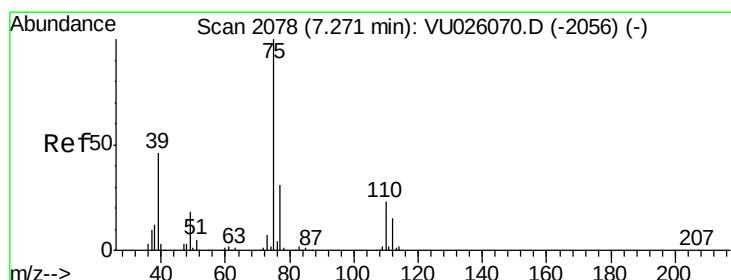
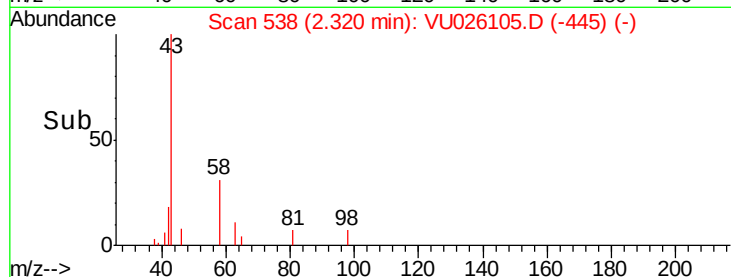
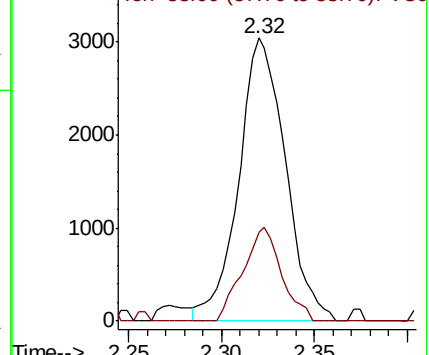
43 100

58 27.3 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 1.369 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026105.D

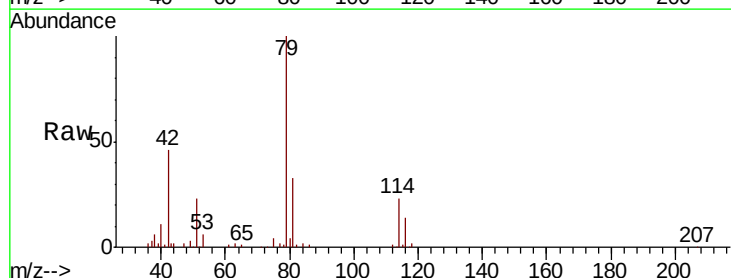
Acq: 14 Aug 2018 17:06

Tgt Ion: 75 Resp: 3882

Ion Ratio Lower Upper

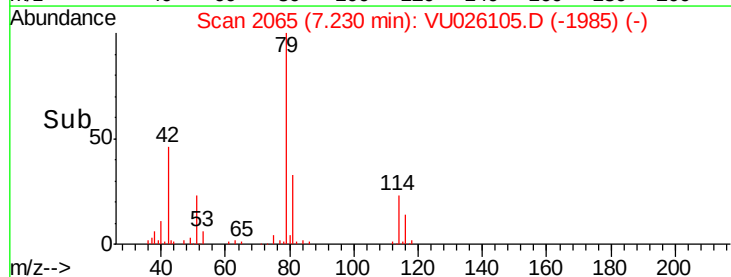
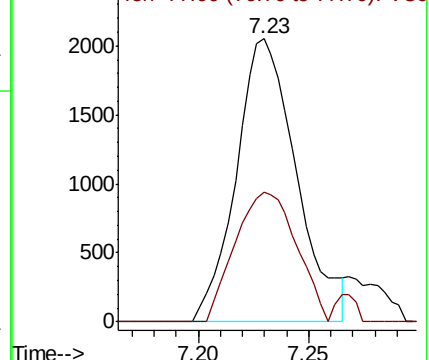
75 100

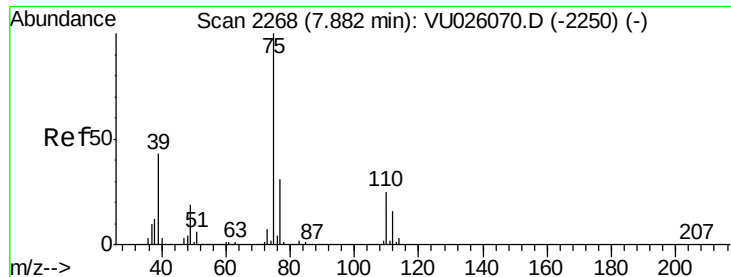
77 45.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 1.213 ug/L

RT: 7.85 min Scan# 2259

Delta R.T. -0.03 min

Lab File: VU026105.D

Acq: 14 Aug 2018 17:06

Instrument :

MSVOA_U

ClientSampleId :

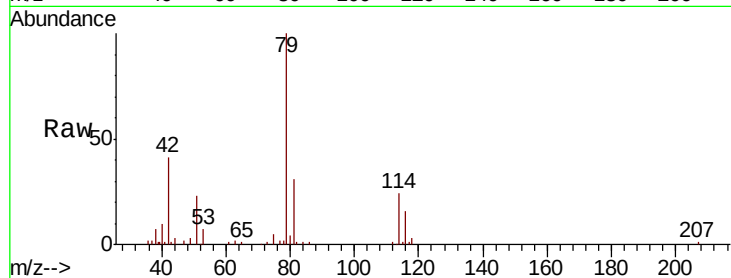
A4ZK4

Tgt Ion: 75 Resp: 3272

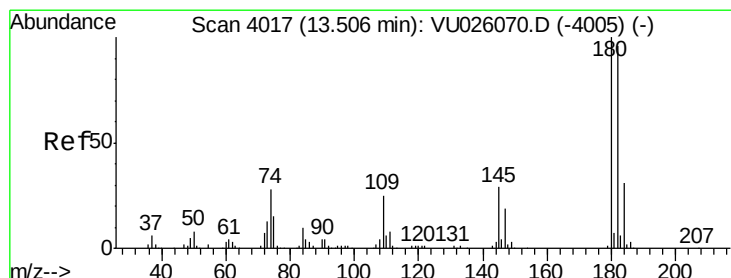
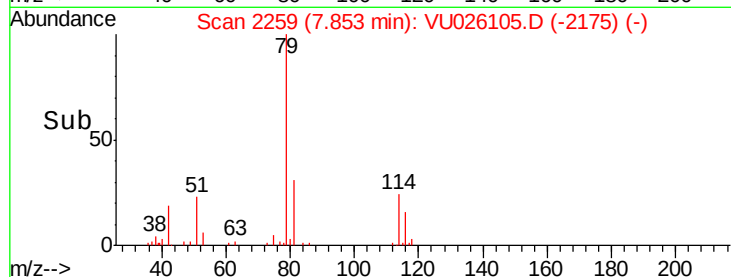
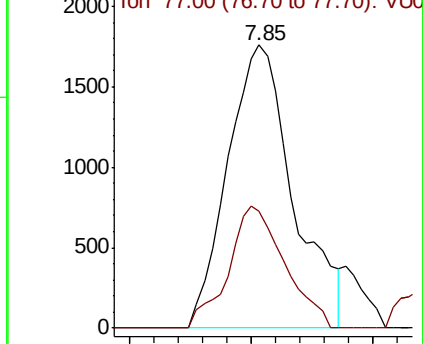
Ion Ratio Lower Upper

75 100

77 41.1 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU026070.D (-2250) (-)



#68

1,2,4-trichlorobenzene

Concen: 1.644 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU026105.D

Acq: 14 Aug 2018 17:06

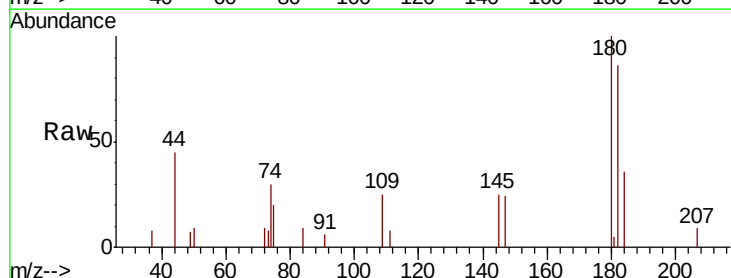
Tgt Ion: 180 Resp: 3339

Ion Ratio Lower Upper

180 100

182 97.4 76.5 114.7

145 25.9 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): VU026070.D (-4005) (-)

