

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026081.D
 Acq On : 13 Aug 2018 20:41
 Operator : MD/SY
 Sample : J4402-13 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 02:20:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 02:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	264321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	105791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85818	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.84%
7) Chloroethane-d5	1.67	69	71600	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.27	63	126131	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.72%
21) 2-Butanone-d5	4.18	46	150275	93.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.32%
24) Chloroform-d	4.65	84	192940	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.31	65	131162	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	5.35	84	366324	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.33	67	121546	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.57	98	331338	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	57714	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.31	63	104174	91.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169000	46.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	132433	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%

Target Compounds

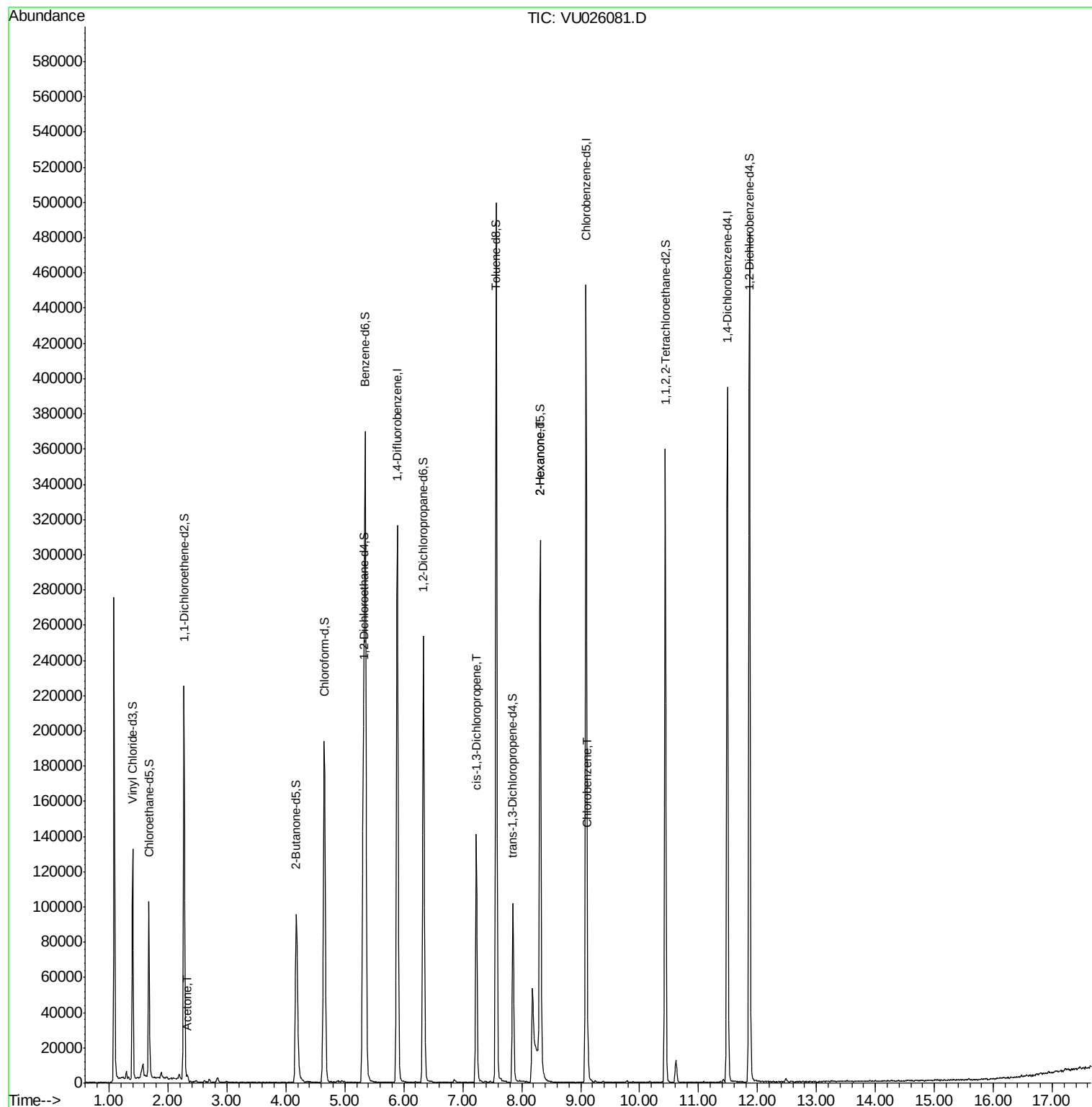
					Ovalue
13) Acetone	2.32	43	1345	1.345 ug/L	68
39) cis-1,3-Dichloropropene	7.23	75	3735	1.268 ug/L #	70
48) 2-Hexanone	8.31	43	12907	6.203 ug/L #	65
51) Chlorobenzene	9.12	112	7210	1.418 ug/L	90

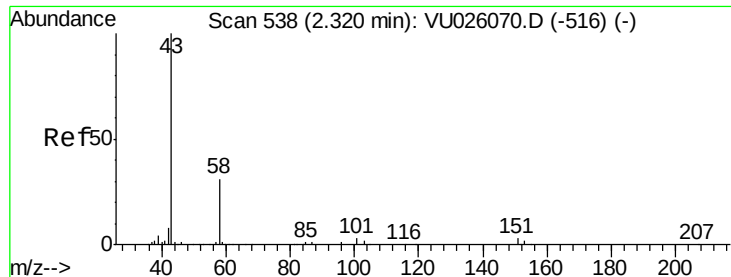
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 14 02:18:47 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.345 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026081.D

Acq: 13 Aug 2018 20:41

Instrument :

MSVOA_U

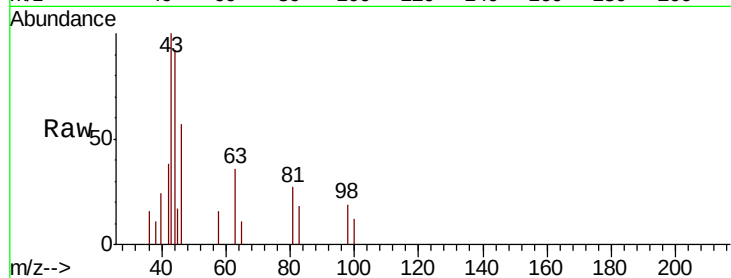
ClientSampled :

Tot Ion: 43 Resp: 1345

Ion Ratio Lower Upper

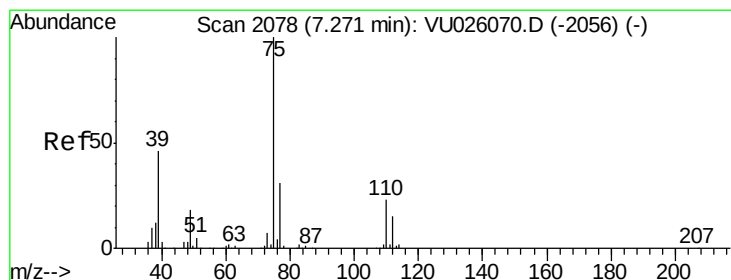
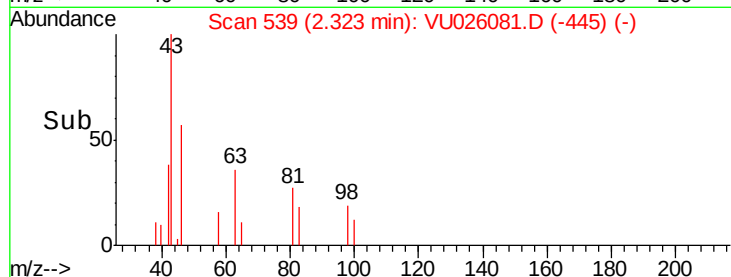
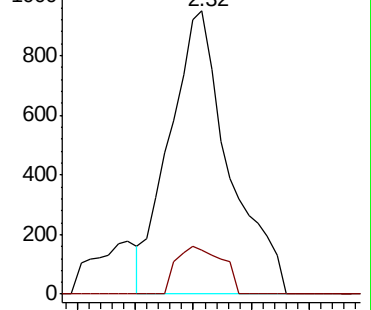
43 100

58 13.2 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU026081.D (-445) (-)

Ion 58.00 (57.70 to 58.70): VU026081.D (-445) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.268 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026081.D

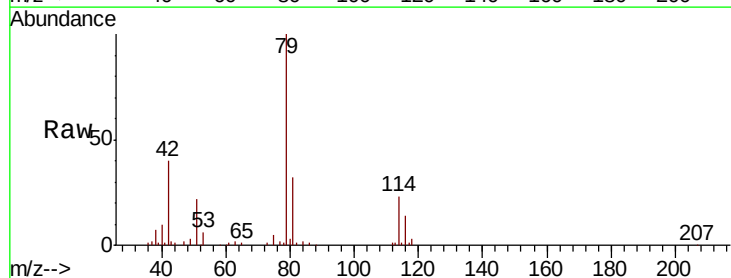
Acq: 13 Aug 2018 20:41

Tgt Ion: 75 Resp: 3735

Ion Ratio Lower Upper

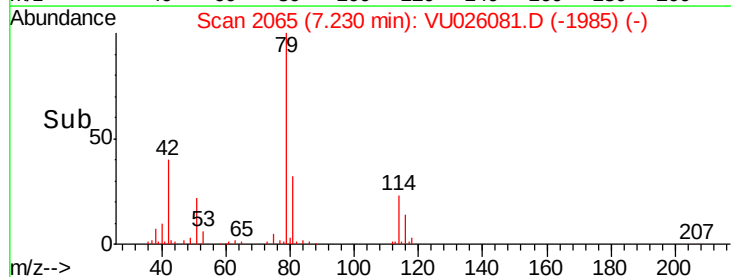
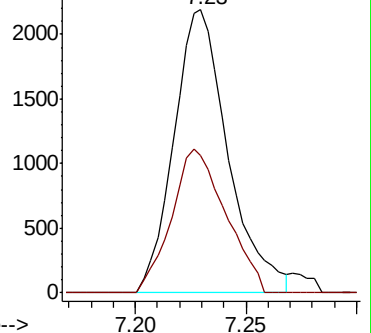
75 100

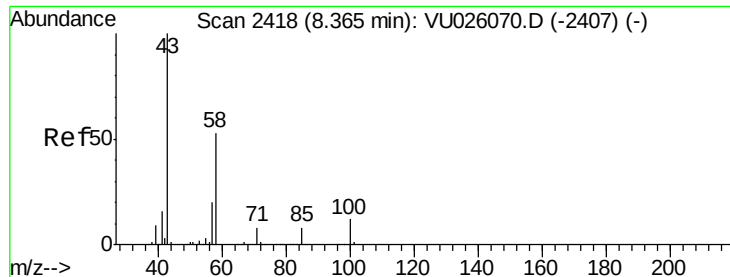
77 48.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU026081.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU026081.D (-1985) (-)

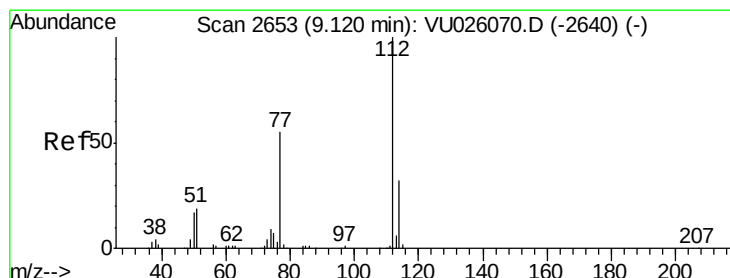
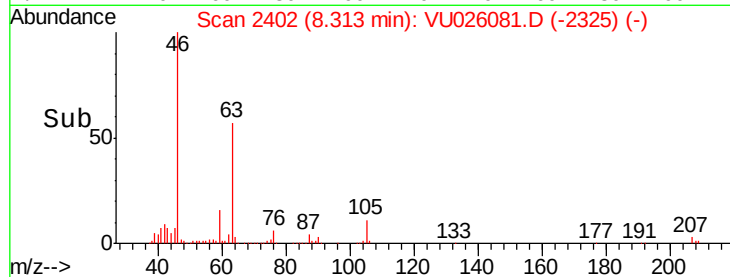
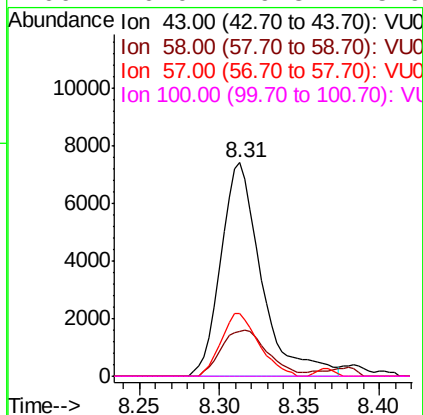
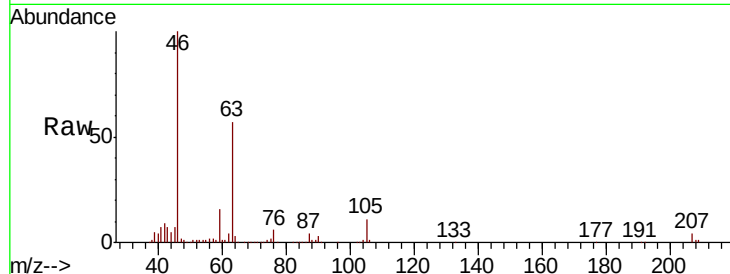




#48
2-Hexanone
Concen: 6.203 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026081.D
Acq: 13 Aug 2018 20:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 12907
Ion Ratio Lower Upper
43 100
58 24.3 43.6 65.4#
57 27.2 15.1 22.7#
100 0.0 9.3 13.9#



#51
Chlorobenzene
Concen: 1.418 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026081.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 112 Resp: 7210
Ion Ratio Lower Upper
112 100
114 30.5 22.7 42.3
77 66.9 45.2 67.8

