

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
 Data File : VU036497.D
 Acq On : 16 Jan 2020 12:09
 Operator : JC/MD
 Sample : VU0116MBL01
 Misc : 5.00G/5.0mL/100 uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK43

Quant Time: Jan 16 14:17:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 14:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	532043	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	507337	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	215181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	166648	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.62%
7) Chloroethane-d5	1.93	69	147837	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.02%
11) 1,1-Dichloroethene-d2	2.59	63	243390	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	4.68	46	305055	102.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	5.11	84	339147	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
26) 1,2-Dichloroethane-d4	5.75	65	231344	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
32) Benzene-d6	5.77	84	670530	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.73	67	221308	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.93	98	619797	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%
43) trans-1,3-Dichloropropene-	8.21	79	117002	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.66%
47) 2-Hexanone-d5	8.67	63	232152	104.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	328394	50.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.18%
64) 1,2-Dichlorobenzene-d4	12.22	152	217493	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds

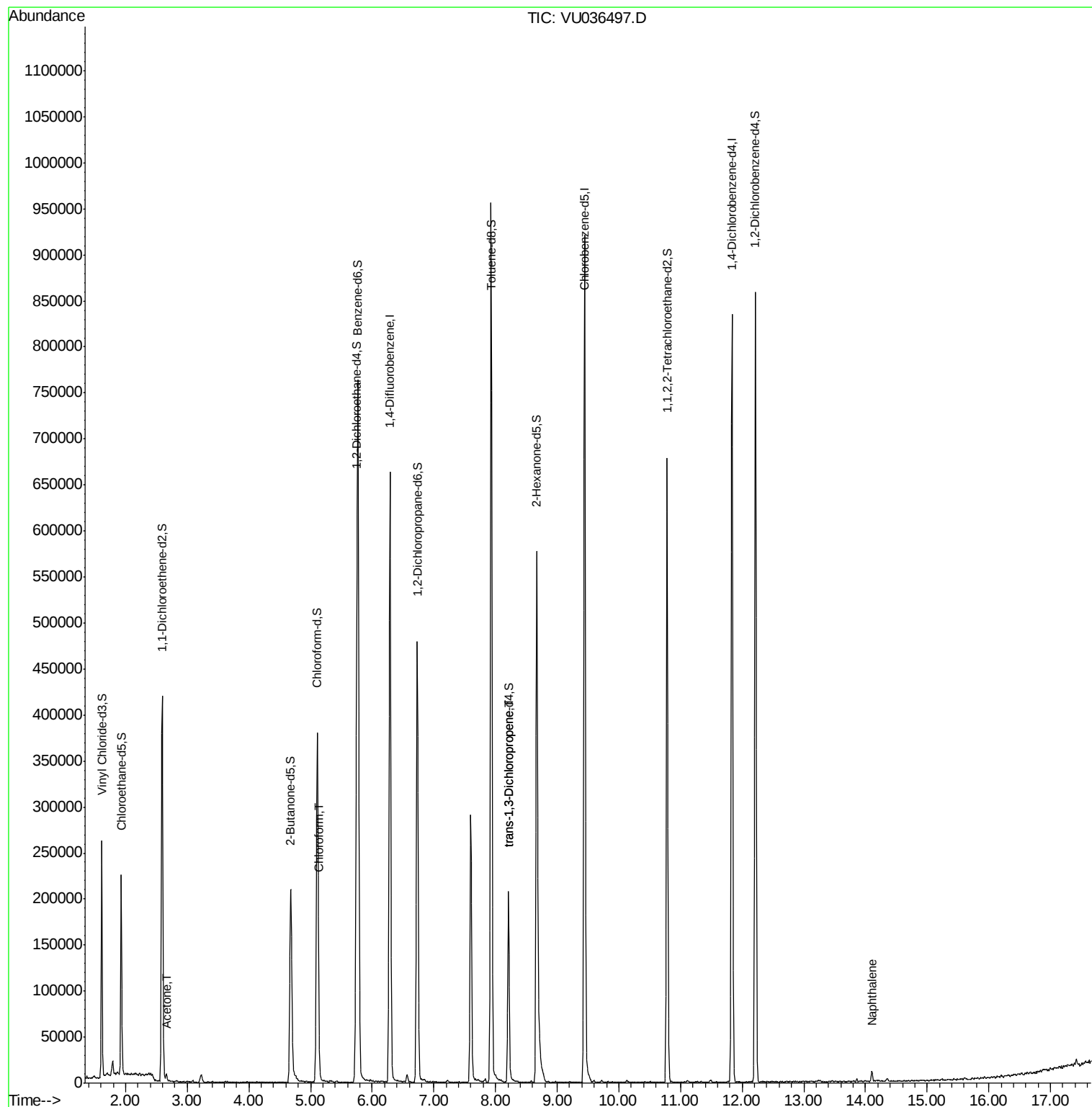
					Qvalue
13) Acetone	2.66	43	6954	2.167 ug/L	98
25) Chloroform	5.14	83	8948	1.289 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	5979	1.032 ug/L #	79
69) Naphthalene	14.10	128	8583	0.841 ug/L	96

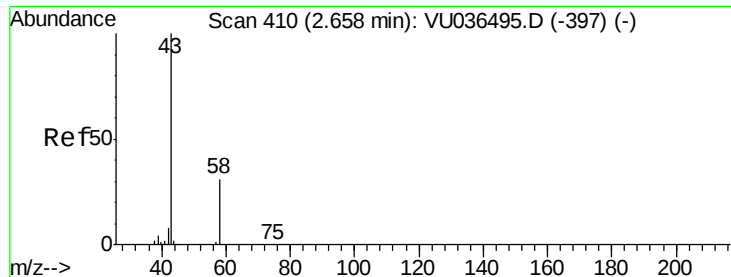
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.167 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036497.D

Acq: 16 Jan 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

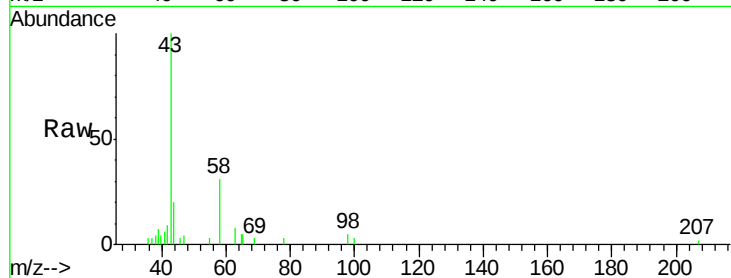
VBLK43

Tgt Ion: 43 Resp: 6954

Ion Ratio Lower Upper

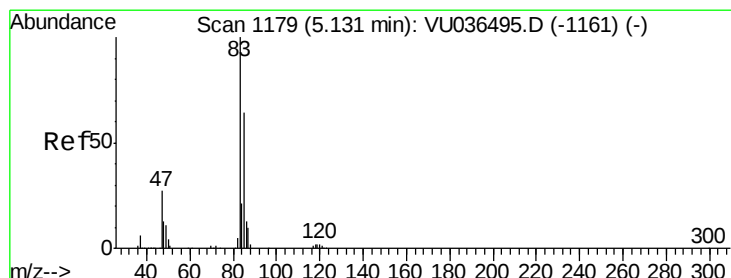
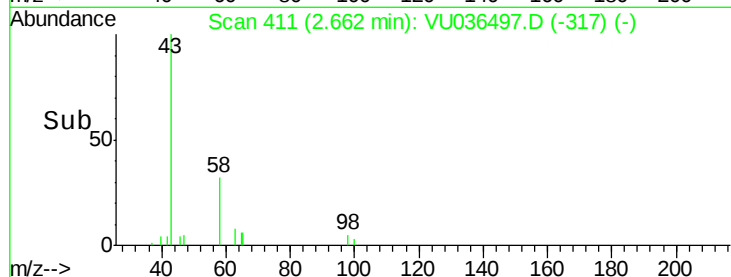
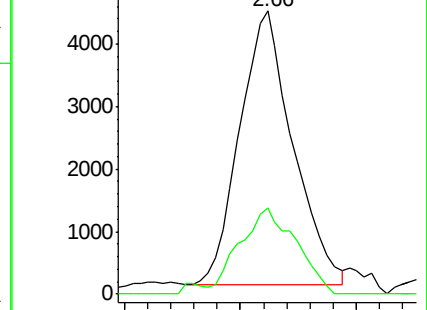
43 100

58 33.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU036497.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036497.D (-317) (-)



#25

Chloroform

Concen: 1.289 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU036497.D

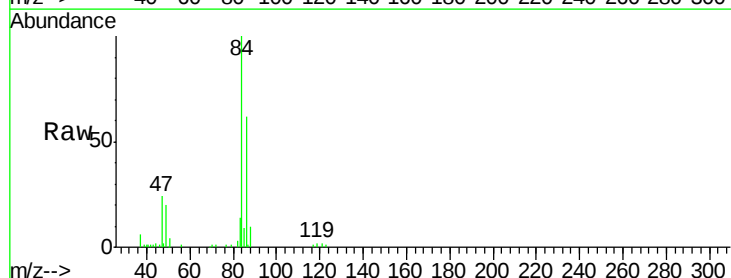
Acq: 16 Jan 2020 12:09

Tgt Ion: 83 Resp: 8948

Ion Ratio Lower Upper

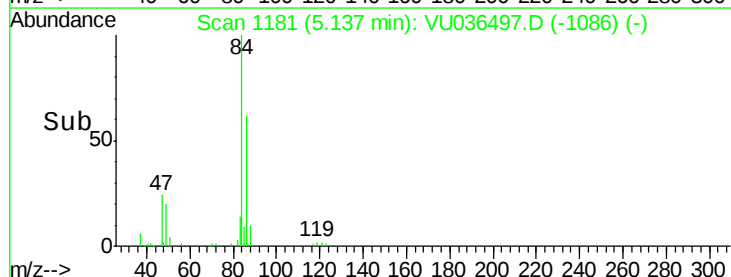
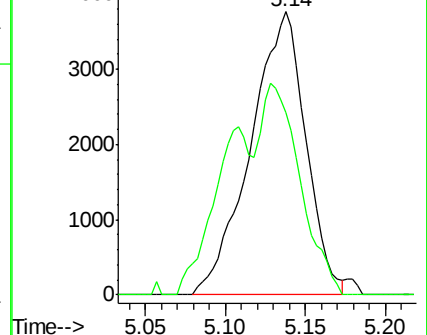
83 100

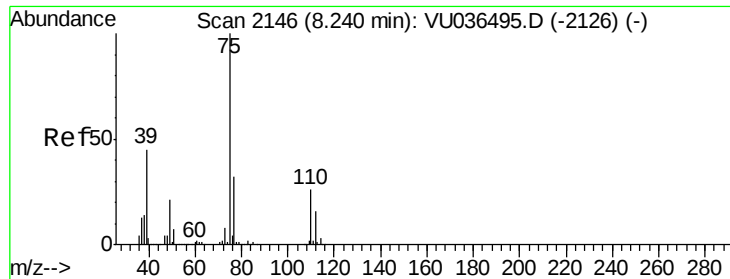
85 64.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036497.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036497.D (-1086) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.032 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.03 min

Lab File: VU036497.D

Acq: 16 Jan 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

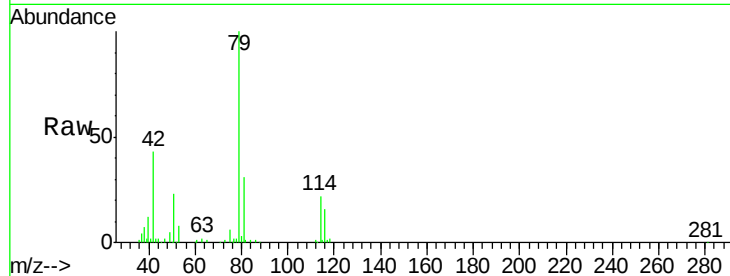
VBLK43

Tgt Ion: 75 Resp: 5979

Ion Ratio Lower Upper

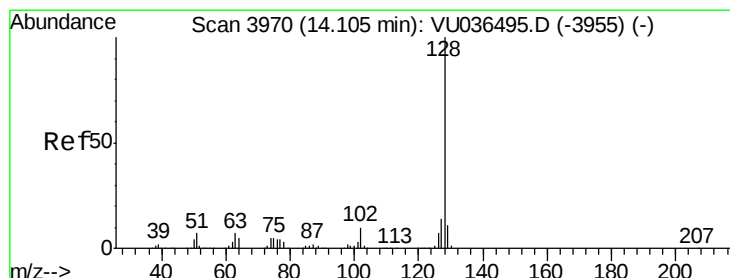
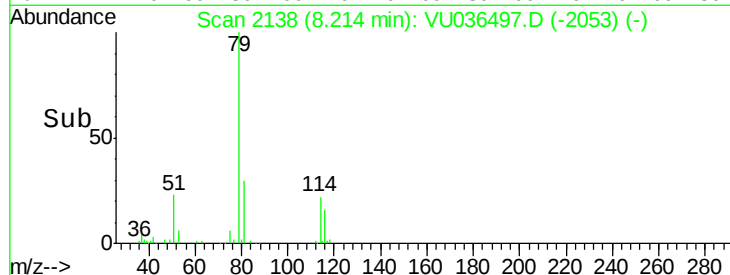
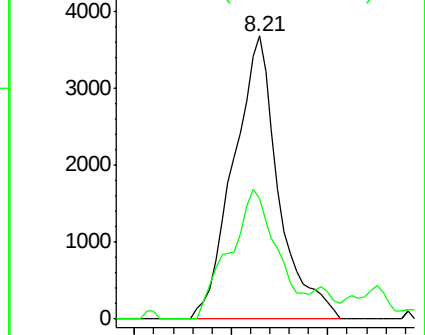
75 100

77 42.7 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU036495.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU036495.D (-2126) (-)



#69

Naphthalene

Concen: 0.841 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036497.D

Acq: 16 Jan 2020 12:09

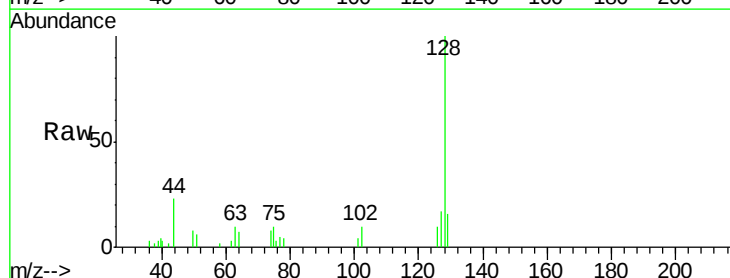
Tgt Ion: 128 Resp: 8583

Ion Ratio Lower Upper

128 100

127 14.0 10.0 15.0

129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU036495.D (-3955) (-)

Ion 127.00 (126.70 to 127.70): VU036495.D (-3955) (-)

Ion 129.00 (128.70 to 129.70): VU036495.D (-3955) (-)

