

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036491.D
 Acq On : 16 Jan 2020 01:04
 Operator : JC/MD
 Sample : L1109-09DL 4X
 Misc : 5.09G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:55:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	517915	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	516229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142886	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.10%
7) Chloroethane-d5	1.90	69	132536	45.60	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.71	63	288	0.04	ug/L	0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.68	46	284565	98.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.57%
24) Chloroform-d	5.11	84	309670	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	5.75	65	214582	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.77	84	627828	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	203654	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.93	98	598880	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.21	79	108088	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.67	63	249183	110.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	339953	51.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	247008	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

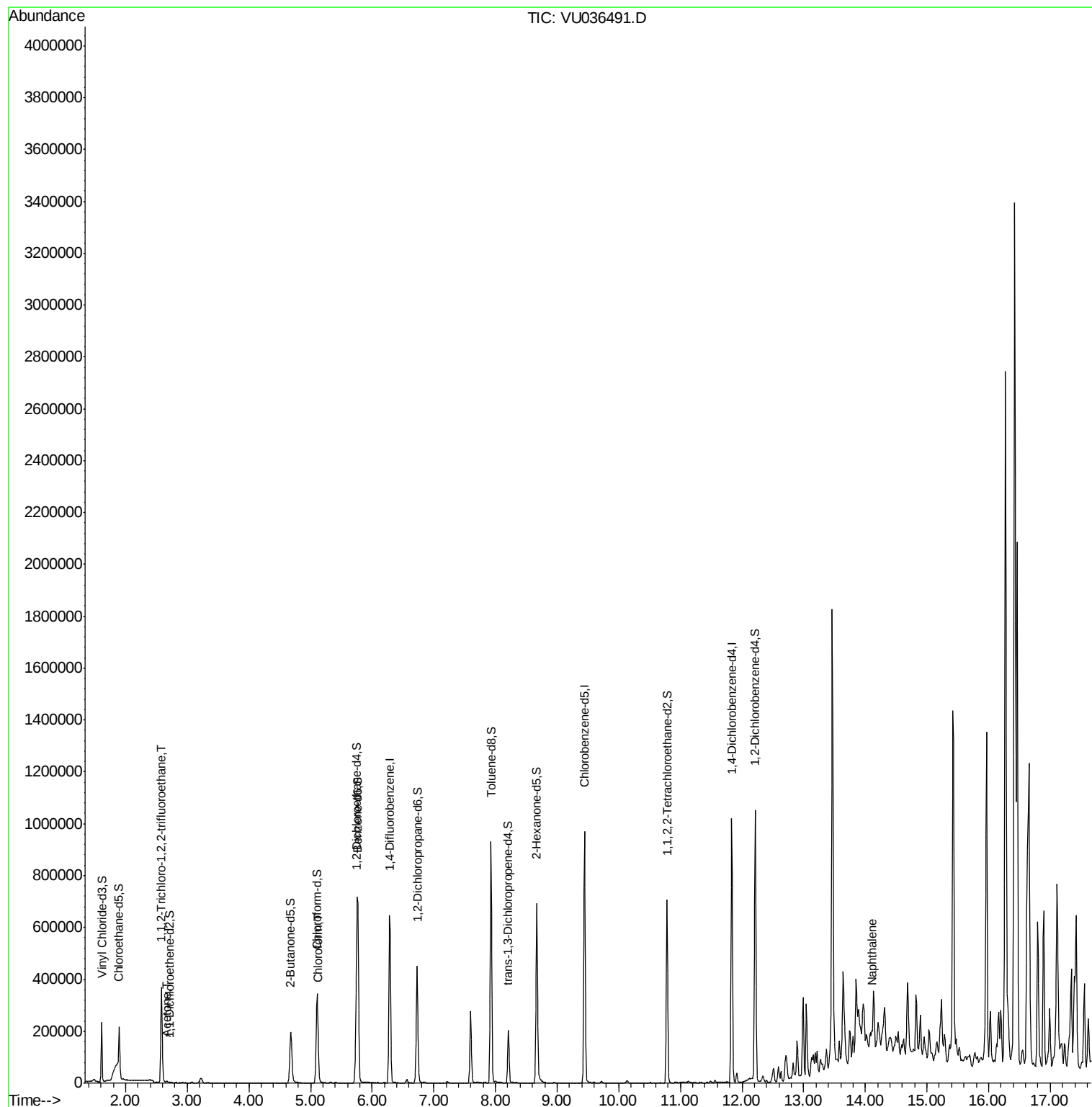
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	2469	0.799	ug/L #	22
13) Acetone	2.66	43	5747	1.839	ug/L	87
25) Chloroform	5.13	83	12590	1.863	ug/L	99
69) Naphthalene	14.10	128	78940	6.554	ug/L #	97

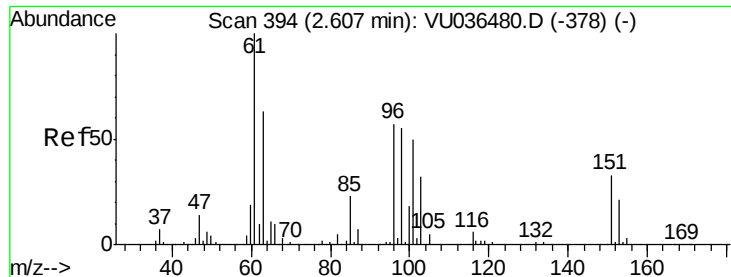
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 06:52:15 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.799 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

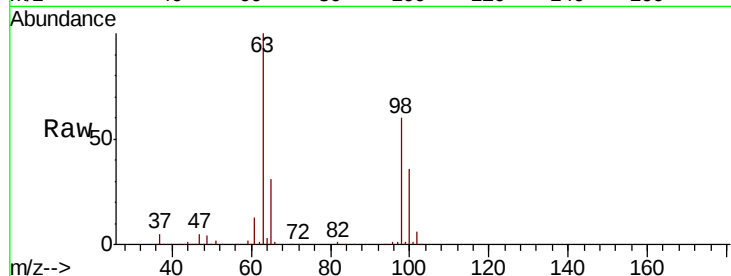
Tot Ion:101 Resp: 2469

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

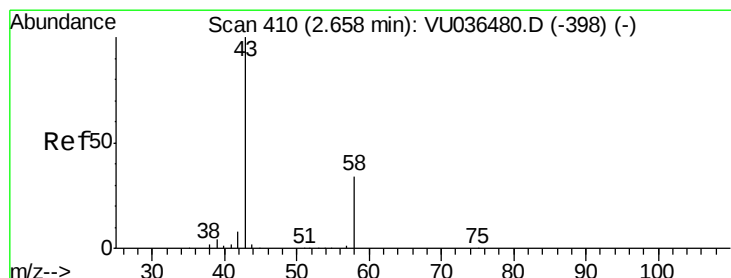
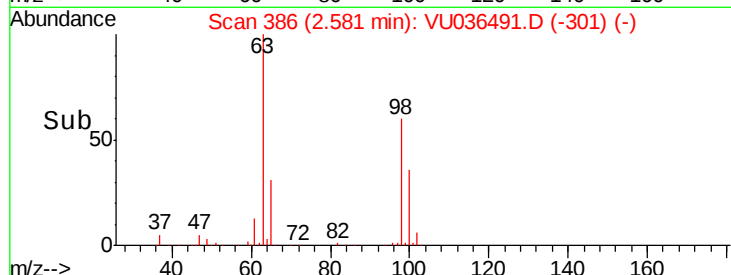
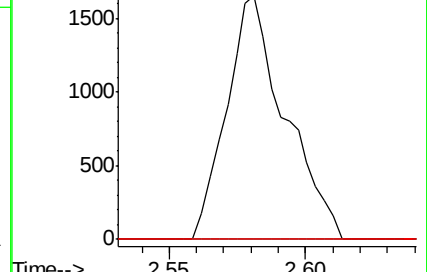
151 0.0 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.839 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

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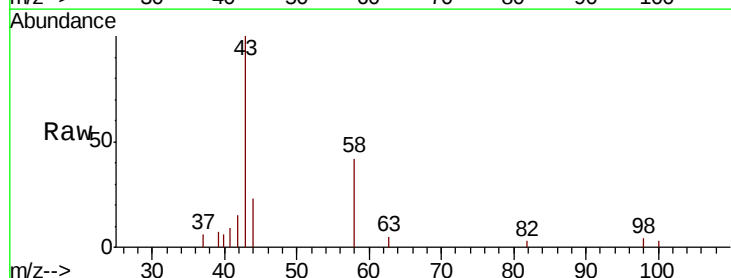
Acq: 16 Jan 2020 01:04

Tgt Ion: 43 Resp: 5747

Ion Ratio Lower Upper

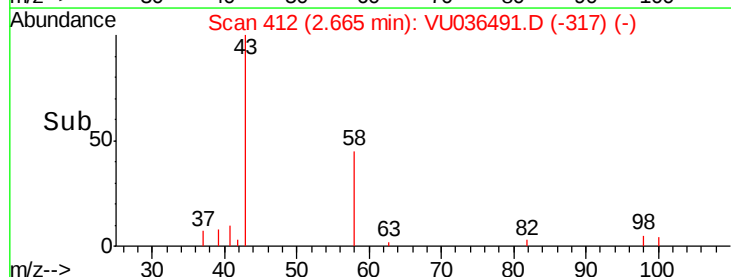
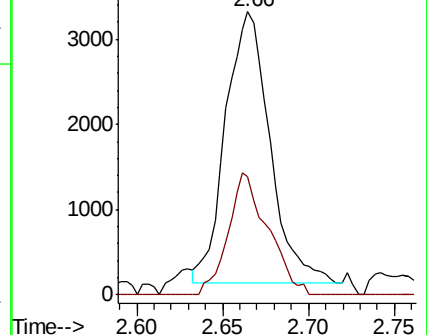
43 100

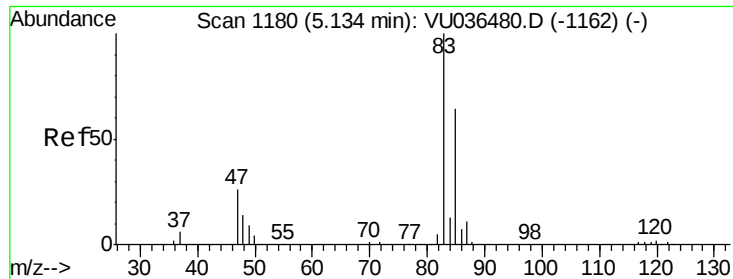
58 39.9 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

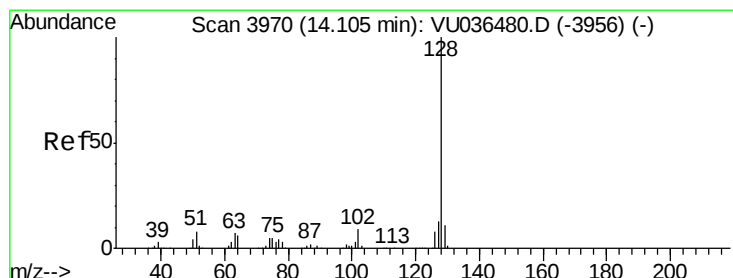
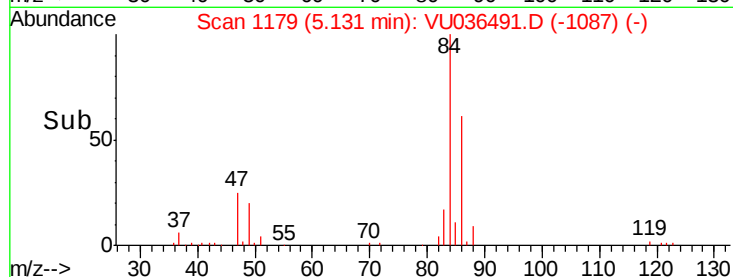
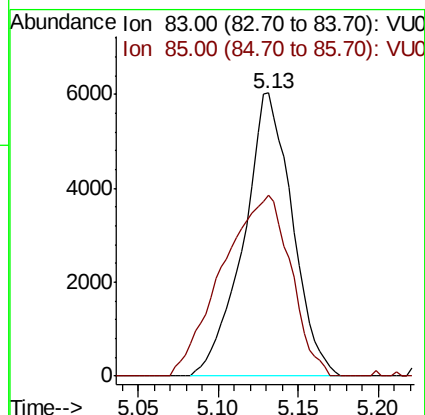
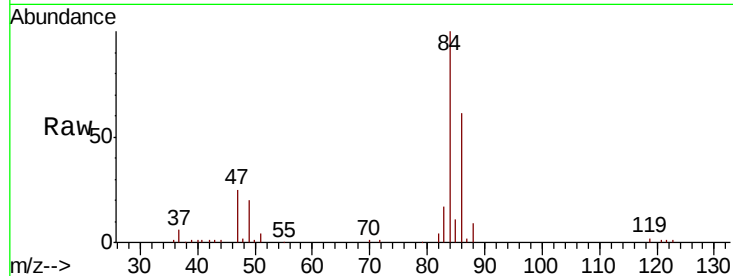




#25
Chloroform
Concen: 1.863 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
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ClientSampleId :

Tot Ion: 83 Resp: 12590
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9



#69
Naphthalene
Concen: 6.554 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VU036491.D
Acq: 16 Jan 2020 01:04

Tgt Ion:128 Resp: 78940
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 8.2 8.6 12.8#

