

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036490.D
 Acq On : 16 Jan 2020 00:39
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:55:44 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	537928	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	491686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	219605	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151081	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.64%
7) Chloroethane-d5	1.93	69	144865	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.96%
11) 1,1-Dichloroethene-d2	2.59	63	229659	34.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.58%
21) 2-Butanone-d5	4.68	46	296707	98.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.95%
24) Chloroform-d	5.26	84	224	0.03	ug/L	0.15
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.75	65	225464	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
32) Benzene-d6	5.77	84	666097	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.73	67	218145	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.32%
41) Toluene-d8	7.93	98	611822	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.21	79	109431	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.14%
47) 2-Hexanone-d5	8.67	63	231174	107.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.87%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	310493	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	223433	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

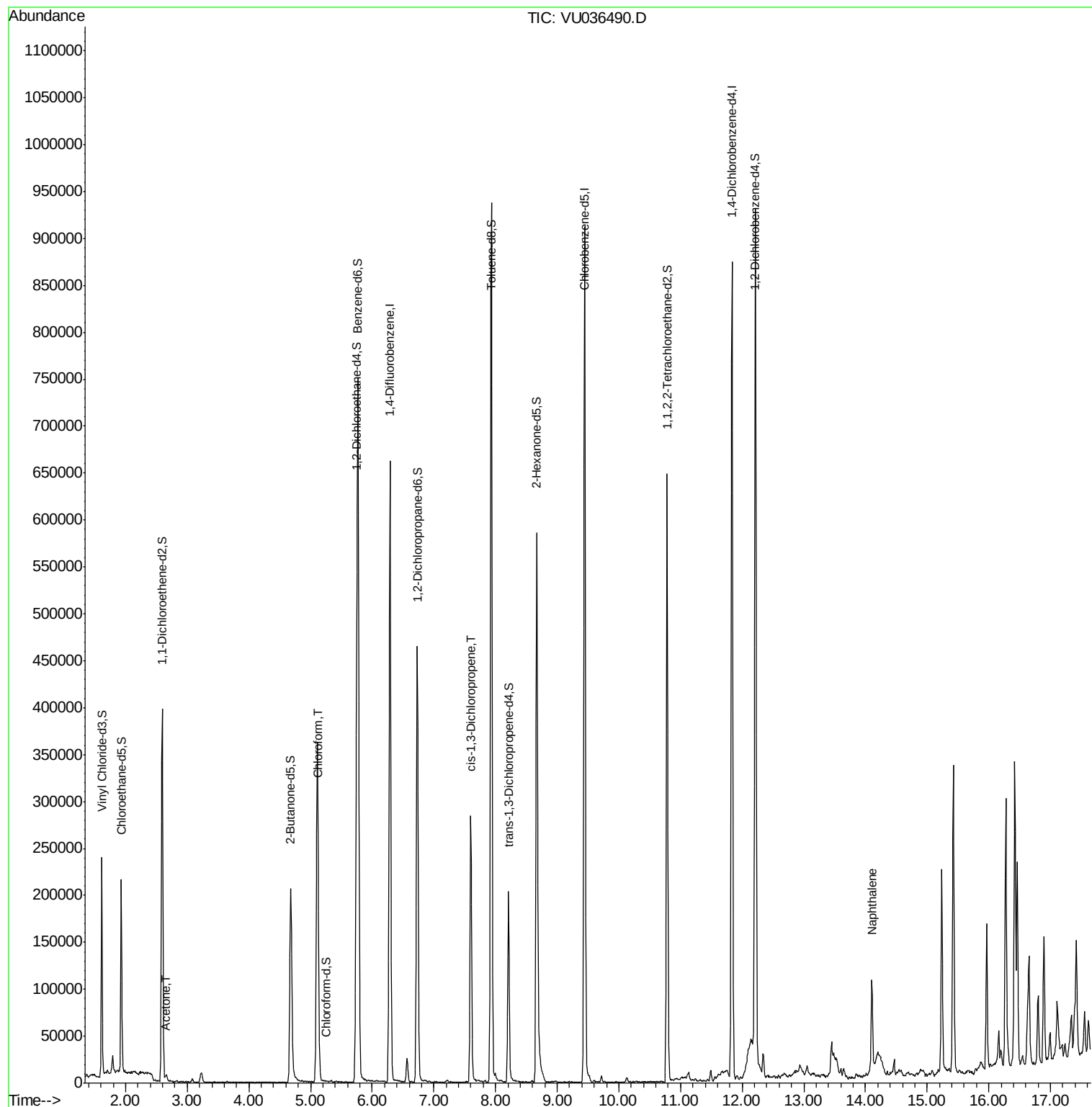
					Ovalue
13) Acetone	2.66	43	6668	2.055 ug/L	95
25) Chloroform	5.13	83	13318	1.898 ug/L	96
39) cis-1,3-Dichloropropene	7.60	75	8534	1.408 ug/L #	74
69) Naphthalene	14.10	128	76892	7.384 ug/L	98

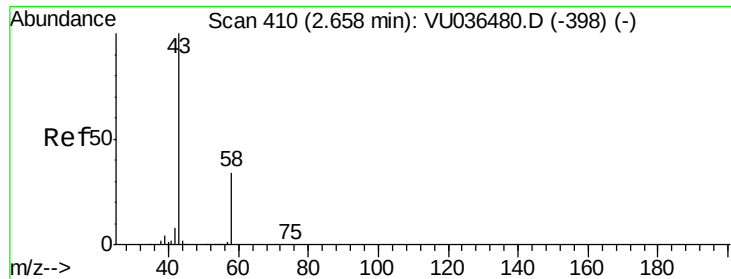
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.055 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036490.D

Acq: 16 Jan 2020 00:39

Instrument :

MSVOA_U

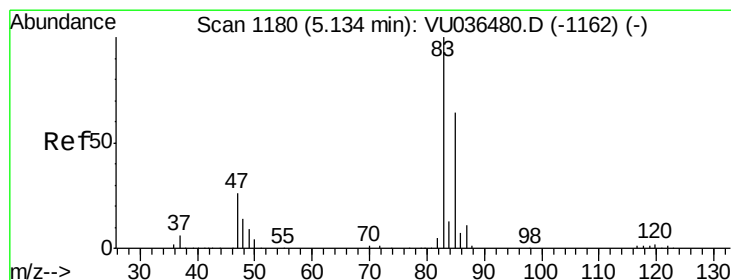
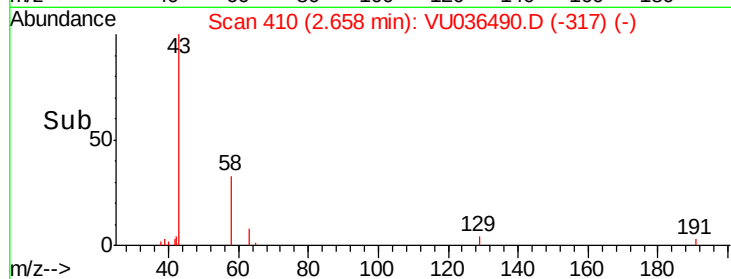
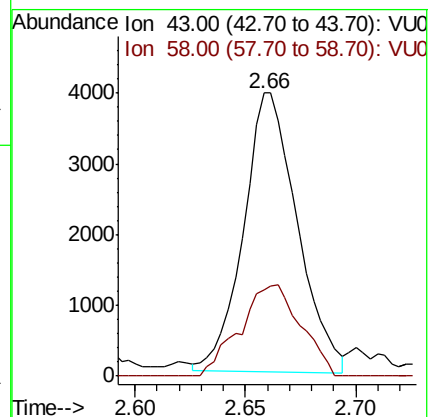
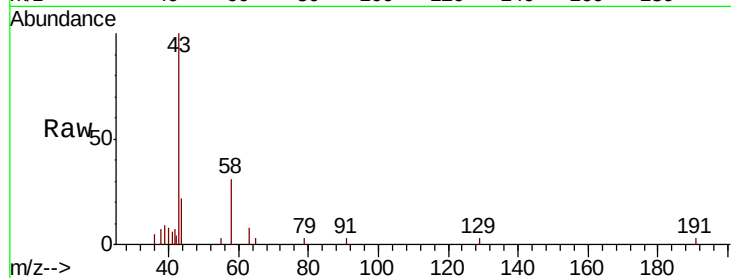
ClientSampleId :

Tot Ion: 43 Resp: 6668

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.0



#25

Chloroform

Concen: 1.898 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VU036490.D

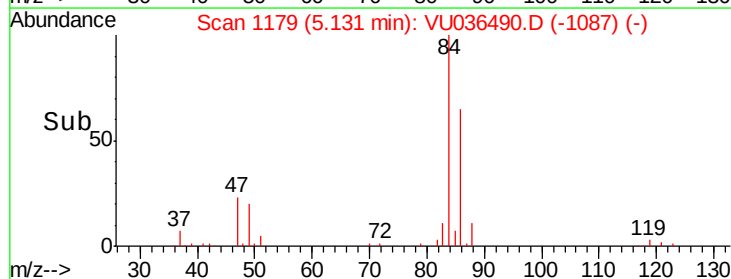
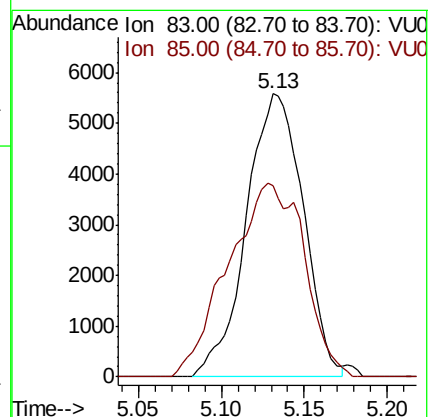
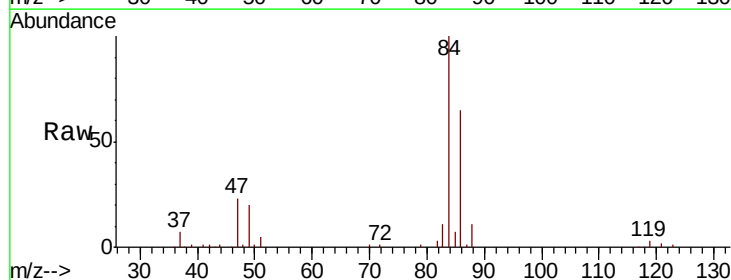
Acq: 16 Jan 2020 00:39

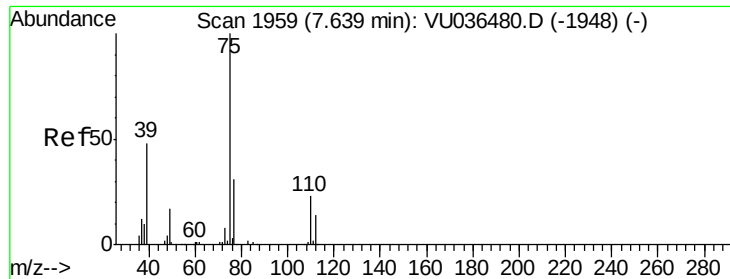
Tgt Ion: 83 Resp: 13318

Ion Ratio Lower Upper

83 100

85 67.5 45.1 83.9





#39

cis-1,3-Dichloropropene

Concen: 1.408 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036490.D

Acq: 16 Jan 2020 00:39

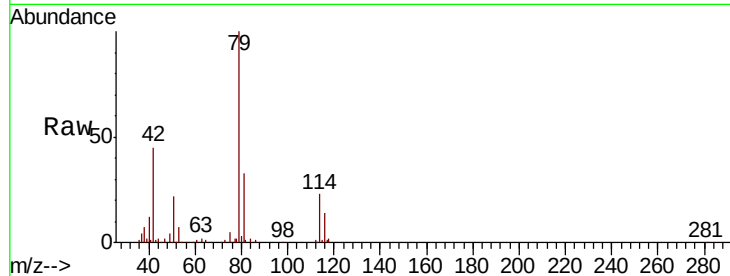
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 8534

Ion Ratio Lower Upper

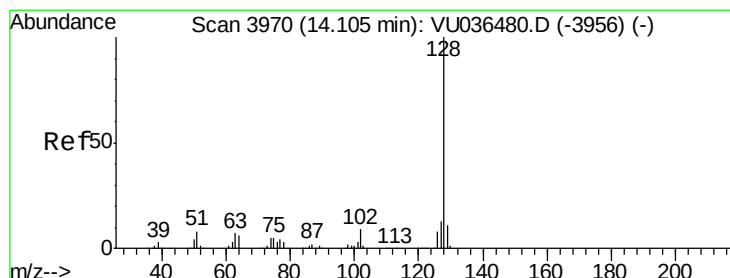
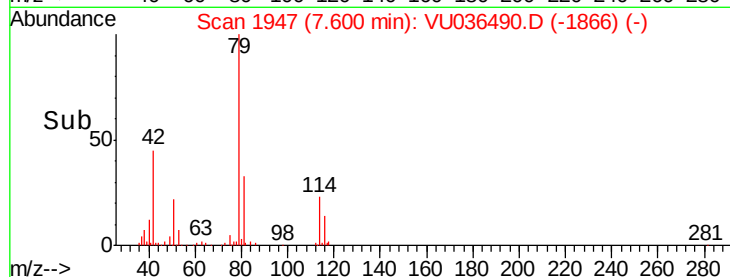
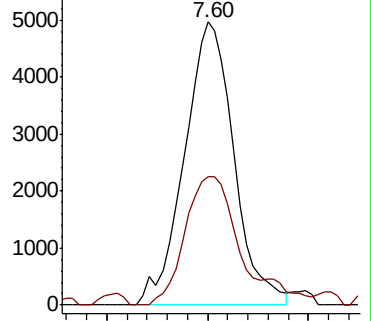
75 100

77 45.4 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU036480.D (-1948) (-)

Ion 77.00 (76.70 to 77.70): VU036480.D (-1948) (-)



#69

Naphthalene

Concen: 7.384 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036490.D

Acq: 16 Jan 2020 00:39

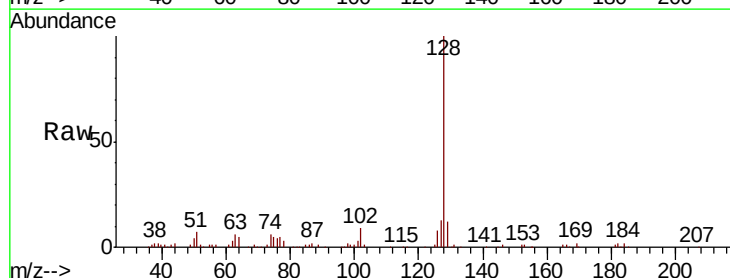
Tgt Ion: 128 Resp: 76892

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU036480.D (-3956) (-)

Ion 127.00 (126.70 to 127.70): VU036480.D (-3956) (-)

Ion 129.00 (128.70 to 129.70): VU036480.D (-3956) (-)

